DANRLEY WILLYAN DA SILVA PEREIRA



AI Forward Deployed Engineer — Agentic Systems & Full-Stack Platforms

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PROFILE

Forward Deployed Engineer (FDE) and AI engineer with 9+ years delivering client-facing products, enterprise platforms, and production AI systems. Embed with client teams and directors on financial apps, design systems, and test automation, then hand over so they own them. Run multi-agent delivery workflows with human approval gates.

BACKGROUND

AI Engineer

DW Corp LTDA

Mar 2025 - Present Brasília - Brazil

Key Achievements:

- Build reusable, enterprise-grade product foundations at DW Corp; hired and mentored 10+ engineers.
- Built LangChain/LangGraph agents (a WhatsApp budget assistant and an event-driven multi-agent bus) behind a common multi-provider LLM interface.
- Architected and operate a multi-agent delivery workflow (specs to release) with CrewAI and LangGraph, Chroma context, LangSmith/Langfuse tracing, and MCP human-in-the-loop approvals; agents provision environments and run CI on a bare-metal + AWS/GCP/DigitalOcean cluster.
- Built POCs and MVPs for two pre-seed startups in 2025; one raised USD 1 million and the other was sold to a Brazilian vendor.
- Built Curupira, a Rust/OIDC authentication platform (multi-tenancy, SSO, MFA); integrated payments (Stripe, Adyen); standardized CI/CD and a bare-metal + hybrid-cloud stack (Terraform, Grafana).

Technologies: Python, LangChain, LangGraph, CrewAI, LangSmith, Langfuse, MCP, Chroma, Rust, Next.js, Stripe, Adyen, Terraform, Grafana, Docker, Kubernetes.

Client engagement: TAMP financial company
Forward Deployed Engineer (FDE)
Sep 2025 - Present | Fixed-term contract via DW Corp LTDA

- Maintained the client's design system across React and Vue microfrontends, adding reusable components with Storybook and Chromatic.
- Strengthened SDET and QA practices across the squad's applications, establishing a testing pyramid spanning unit, API, and end-to-end tests and helping increase unit test coverage from below 50% to nearly 97%.
- Automated business flows across microfrontends with Playwright and Cucumber/Gherkin, preparing data through Bruno API automation, and published results in Allure dashboards with diagnostics, videos, and screenshots, freeing QA for edge cases and helping move from monthly to weekly releases.
- Built a custom reporting platform that reduced delivery of new customer-specific reports from months to days, closing a competitive gap that hindered sales. Helped secure at least two major new deals and retain an existing customer at risk of leaving.

Technologies: React, Vue, Storybook, Chromatic, Playwright, Allure, Cucumber, Gherkin, Bruno, Typst, AWS Lambda, S3, ECS, EBS.

EDUCATION

Bachelor of Software Engineering

University of Brasília

Jan 2015 - Jul 2017 Brasília, DF

Systems Analysis and Development

University Centre of Federal District

Jan 2020 - Dec 2021 Brasília, DF

Computer Science

University Centre of Federal District

Jun 2022 - Dec 2025 Brasília, DF

MBA - Supply Chain and Integrated Logistic

Southern Cross University

Apr 2024 - Mar 2025 Sao Paulo, SP

MBA - Database Administration

Anhanguera

Nov 2024 - Apr 2025 Sao Paulo, SP

LANGUAGES

- Portuguese ●●●●●
- English ●●●●○
- Spanish, *Learning* ●●○○○
- German, *Learning* ●○○○○

SKILLS

- HTML5, CSS3 & Bootstrap ●●●●●
- GitHub Actions & SQL ●●●●●
- JavaScript ●●●●○
- Angular & TypeScript ●●●●○
- Polymer, React & Vue ●●●●○
- React Hooks ●●●●○
- Node.js & Express ●●●●○
- Git, Docker & Docker Compose ●●●●○
- Python & C# ●●●●○
- .NET Core & Entity Framework ●●●●○
- VS Code, VS Studio & Vim ●●●●○
- UML & Design Patterns ●●●●○
- Postgres & MongoDB ●●●●○
- Android, React Native & Ionic ●●●●○

BACKGROUND

AI Engineer (continued)

DW Corp LTDA

Mar 2025 - Present Brasília - Brazil

Client engagement: CBMS financial company
Forward Deployed Engineer (FDE)
Mar 2025 - Aug 2025 | Six-month contract via DW Corp LTDA

- Worked directly with directors to modernize a legacy financial system, taking sole ownership of the user-facing React application with tables, charts, and filtering.
- Co-created a complete Figma design system with the Director of UI/UX and implemented a reusable library of 30+ components using Tailwind CSS and Radix UI, with Storybook and Chromatic.
- Contributed to Python ETL pipelines with data engineering support, using AWS Step Functions, SQS, SNS, and Lambda. Connected the application to real data scraped from banks and financial organizations, delivering beyond the MVP within six months.
- Completed the planned handover agreed with directors, leading React learning sessions for the existing PHP/Twig team to take ownership of the application after the contract.

Technologies: React, React Router Framework (SSR), FastAPI, Python, Boto3, AWS Step Functions, SQS, SNS, Lambda, Figma, Tailwind CSS, Radix UI, Storybook, Chromatic.

Researcher

Ibict — Brazilian Institute of Information in Science and Technology (MCTI)

Mar 2025 - Present Brasília - Brazil

Key Achievements:

- Built data pipelines feeding a Snowflake database with institutional data, driving progress toward training ML models on proprietary data.
- Co-advised an undergraduate thesis that designed a RAG system for the Brazilian judiciary (graded 9.0/10).
- Led a technical audit of a 600K+-user platform against ISO/IEC 25000 and LGPD, producing a prioritized remediation roadmap.

Technologies: Python, Snowflake, RAG, FastAPI, ISO/IEC 25000, LGPD.

Community Leader

Software Craftsmanship Community Brasília

Late 2023 - Present Brasília - Brazil

- Started the community with my partner and friends, inspired by meeting Sandro Mancuso and Codurance and discovering the global Software Craftsmanship movement.
- Organize monthly meetups, university talks, and TDD coding challenges; mentor professionals in Extreme Programming (XP) and teach the Software Craftsmanship Manifesto.
- Co-built Arandu, the community blog, using Django and Next.js.
- Led the agenda for an entire stage at the national edition of Campus Party Brasil 2025, featuring talks on SOLID, Clean Architecture, the Software Craftsmanship Manifesto, Scrum, OWASP Top 10 security risks, and using AI in SDET workflows to improve software quality, alongside talks by startup founders.

SKILLS (CONTINUED)

- Linux Administration
- Shell, Bash & DevOps
- Firebase, DevOps & Heroku
- XUnit & Selenium
- Django & Flask
- TDD, Jest, Cypress.io & PyTest
- Java & C
- Pandas, Numpy & Scipy
- Jenkins & NGINX
- Google Cloud Platform & AWS
- Kafka & Redis
- Gulp & Grunt
- C++, Go & Redis
- Azure
- Power Bi & QlikSense

SOFT SKILLS

Teamwork · Self-taught · Learning Potential · Critical Thinking · Innovative · Organized · Agile · Observer · Responsible · Collaboration · Communication · Trust · Self-Management · MultiTasking · Focus · Professionalism · Enthusiasm · Empathy

BACKGROUND

AI Engineer

Epicor

Nov 2023 - Feb 2025 Austin TX - USA

Key Achievements:

- Developed and fine-tuned LLMs by integrating Azure OpenAI Service APIs.
- Integrated a RAG pipeline with custom company data to better approach customer needs and achieve better accuracy and satisfaction.
- Implemented message producers and consumers using RabbitMQ for event-driven processes.
- Integrated custom OAuth2 and SAML solutions in .NET, leveraging JWT for secure authentication and authorization.
- Leveraged .NET's features, such as Results and Generics, to build an abstract, SOLID-compliant solution, applying design patterns for better code maintainability and scalability.
- Implemented custom reactive functions, reducing reliance on try-catch blocks and enhancing code readability and observability.
- Refactored and containerized applications using .NET Aspire, improving deployment efficiency through Kubernetes.
- Led the refactoring of an Angular integration portal to utilize microfrontends, enhancing modularity and scalability.
- Drove team improvements in sprint planning and communication, taking ownership of process optimization and overall product enhancement.
- Guided frontend team in delivering correctly and faster. Foresaw frontend blockers, e.g: api endpoints, to improve pace of entire team, leading to stackholder satisfaction.
- Authored comprehensive documentation to support onboarding and internal knowledge sharing, ensuring team-wide understanding of complex solution components.
- Consistently pushed for software engineering best practices, reducing technical debt and minimizing future refactoring needs.
- Implemented pixel-perfect screens based on Figma designs, collaborating closely with designers.
- Collaborated closely with QA to resolve bugs, ensure seamless functionality and automate functional tests through CI pipelines.

Technologies: .NET, Angular, .NET Aspire, RxJS, Azure OpenAI Service, Azure Cosmos DB, RabbitMQ, OAuth2, SAML, JWT, Kubernetes, Microfrontends, Figma, Design System, SOLID, Design Patterns.

Software Engineering Consultant

Contract — SubSurface Dynamics

Jan 2024 - Jun 2024 Alberta - Canada

Key Achievements:

- Implemented a robust authentication system integrating Microsoft Azure ADAL and Auth0 to enhance security protocols leveraging OAuth2 and SAML.
- Led the technical refactoring of MERN stack from a JavaScript solution (Express, Mongoose) to a modern, best-practice-driven TypeScript project utilizing Fastify, Redis, Socket.io, and Typegoose, significantly improving system architecture and maintainability.
- Optimized Redis configurations to enhance the performance and cost-efficiency of real-time data streaming for extraction processes.

LICENSES & CERTIFICATIONS

Campus Party Brasilia: Lecture on reducing costs with Fedora OnPremise & Arduino Workshop Facilitator

2023 Brasília, Brazil

Kanban Foundation

2020 Brasília, Brazil

Credential ID: 45878364

Scrum Fundamentals Certified (SFC)

2020 Brasília, Brazil

Credential ID: CLVPVFVDSV-SSKKQVGS-XHRTTSRCXH

Design Thinking - Cruzeiro do Sul

2020 São Paulo, Brazil

Educational and Corporate Project Management - UDF

2020 Brasília, Brazil

Legal Aspects of Forensic Computing - UDF

2020 Brasília, Brazil

Entrepreneurship: From Idea to Business Conception - Cruzeiro do Sul

2020 São Paulo, Brazil

Journalist DRT

2019 Brazil

Credential ID: 0012449/DF

Business Intelligence with Power BI - ENG DTP

2019 Brasília, Brazil

Oral Production: B2 Level Debates (English) - UnB

2018 Brasília, Brazil

Mobile Device Interface Project - Extension - UnB

2015 Brasília, Brazil

BACKGROUND

- Collaborated with the team leader to leverage MongoDB Atlas's time series features, reducing costs, enhancing performance, and delivering more precise custom analyses.
- Re-engineered the frontend using React and TypeScript, modularizing the code into reusable components, which enhanced feature testability and reduced future development times.
- Implemented dark mode and a notification system to help engineers keep track of updates since their last login.
- Developed a responsive UI adaptable across large, medium and small screens, ensuring consistent user experience.
- Transformed data to display a range of different charts, in two and three dimensions, to assist companies in their real-time decisions.
- Implemented a 3D visualization of wellbore pipes using Three.js, improving operational insights to engineers better improve well extraction and risk handling.
- Instituted Git best practices and Continuous Delivery processes, educating a multidisciplinary team on software engineering principles.

Technologies: Auth0, OAuth2, JWT React, TypeScript, JavaScript, Redis, Socket.io, Digital Ocean, Microsoft Active Directory, Typegoose, Mongoose, Material UI, React Testing Library, Mocha, Vite, Vitest, MongoDB, Microsoft Graph API, Three.js.

Senior Software Engineer

DW Corp LTDA

Sep 2022 - Oct 2023 Brasília - Brazil

General Responsibilities:

- Developed with the team marketing campaign tracking and solution sharing.
- Mentored the team on building a book registration and exchange system for NGOs.
- Managed and maintained cloud infrastructure services across GCP, Digital Ocean and AWS.
- Maintained On-Premise MinIO object storage for development and testing environments.

Project: Restaurant Orders Manager

- Integrated Symphony (Oracle - v1 and v2) for transitioning from SOAP (v1) to REST (v2).
- Developed and optimized solutions using the Django framework while implementing Clean Architecture.
- Implemented Celery tasks to ensure continuous synchronization of services, considering potential internet connectivity issues at restaurant locations. Leveraged the circuit breaker pattern to enhance system resilience and ensure data consistency.
- Delivered data to a data lake, facilitating its consumption by the data analysis team.
- Mentored junior and mid-level developers in grasping and applying SOLID principles and effectively integrating Clean Architecture into their work.

Project: Field Service Management (FSM) Mobile App

- Collaborated with an external partner to develop a mobile FSM application using .NET MAUI.
- Designed and enhanced the UI/UX, creating an intuitive and user-friendly interface.
- Developed and optimized RESTful services with .NET Core and .NET MVC to support robust backend functionality.

REFERENCES

Aulus Diniz, Software Engineer, Quality Analyst at PNUD and former colleague from university
Tel: +55 61 9 8100-3369,
Mail: aulus999@gmail.com

Israel Carvalho, communicator, businessman and public figure
Tel: +55 61 98463-3314,
Mail: contato@gamacidadao.com.br

Kerlla de Souza Luz, IT Academic Coordinator at University Centre of Federal District
Tel: +55 61 9 8291-4389,
Mail: kerlla.luz@udf.edu.br

BACKGROUND

- Authored comprehensive architecture and infrastructure reports to document design improvements.
- Implemented XUnit tests integrated with Allure Reports to ensure high code quality and maintainability.
- Managed deployment workflows and published the app to both the App Store and Google Play Store.
- Created and maintained database procedures, views, and triggers to support critical business logic.
- Performed weekly database backups and synchronized production data to ensure data integrity.

Project: Quality Analysis Report with CI/CD

- Generated Surefire reports in the CI pipeline using Maven and GitLab actions.
- Dispatched Surefire reports to an S3 bucket.
- Deployed a Lambda Function written in Python, triggered by changes in the S3 bucket.
- Updated EC2 container to reflect Allure reports based on the S3 bucket changes.
- Assisted the client in propagating the solution across the organization.
- Tutored developers into TDD and how to efficiently write JUnit tests before writing any code.
- Configured SES to automatically send email notifications to stakeholders when the Allure report is updated.

Technologies/Methodologies: GCP, AWS, Digital Ocean, Agile, Vue, React, PostgreSQL, Oracle Database, .NET, C#, XUnit, Allure, Typescript, Python, Django, Celery, Symphony, Maven, GitLab, S3, MinIO, Lambda, EC2, SES, Allure, JUnit, TDD.

Product Manager

DW Corp LTDA

Sep 2022 - Oct 2023 | Brasília - Brazil

- Refined, estimated, and controlled tasks for marketing campaign tracking and sharing solution.
- Refined, estimated, and controlled tasks of a book registration and exchange system for NGOs.
- On this role I have positioned myself as a PO as well.

Technologies/Methodologies: Trello, Scrum, Kanban, Agile Methodologies, Agile Manifest, Burndown.

Technical Lead & Project Manager

LabTech, UDF

Jan 2023 - Dec 2023 | Brasilia - Brazil

- Spearheaded a multi-tier application designed for event management, certificate issuance, and room scheduling, integrating seamlessly with Sympla's API.
- Orchestrated teams based on technology and responsibility: JavaScript (React) for frontend, Python for business logic, and Java (Spring Boot) for database operations.
- Implemented RabbitMQ to facilitate asynchronous communication and event-driven architecture across services, utilizing publish/subscribe messaging patterns for efficient topic-based data distribution.

AWARDS & VOLUNTEERING

Manager LabTech (Software Fabric) - UDF
2023 | Brasília, Brazil

Mentor as Product Manager a team of four people - Move & Educa
2023 | Brasília, Brazil

Arduino Workshop - Dummont Hackerspace
2023 | Brasília, Brazil

Mentored seven developers, 5 of them were absorbed by the industry - Move & Educa
2022 | Brasília, Brazil

Embassador, Systems Analysis and Development Graduation - UDF
2021 | Brasília, Brazil

Instructor, "Localhost: Build & Deploy Webapp using React" - Major League Hacking
2021 | Brasília, Brazil

Programming Olympics, Organization Staff - UDF
2021 | Brasília, Brazil

Clementoni Hackaton - Milan University
2021 | Milan, Italy

Class Representative - UDF
2020-2021 | Brasília, Brazil

Educational Events and Projects - Move & Educa
2019-2020 | Brasília, Brazil

Communication Advisor - Culture Council
2019 | Brasília, Brazil

Communication Advisor for Events - Security Council
2019 | Brasília, Brazil

Motion of Praise for Journalistic Work - Brasília Legislative Chamber (CLDF)
2018 | Brasília, Brazil

Credential ID: 0012449/DF

Cultural and Environmental Events and Projects - Banca de Poetas
2016-2017 | Brasília, Brazil

Participation in Published Prototype - Master of Graphic Design Student - UnB
2015 | Brasília, Brazil

BACKGROUND

- Championed a strategy to leverage the strengths of team members, leading to efficient project segmentation and rapid development.
- Instituted GitHub actions for CI/CD, maintaining tier-wise repositories within a structured GitHub organization.
- Containerized each microservice, prepping them for orchestration using Kubernetes.
- Demonstrated leadership by adopting a hands-on approach, ensuring alignment with stakeholder requirements, and mentoring young professionals.

Technologies/Tools: React, Python, Java (Spring Boot), GitHub Actions, RabbitMQ, Kubernetes, Selenium, Sympla API.

DevOps Engineer

Dado Global

Mar 2022 - April 2023 Porto - Portugal

- Improved the manual delivery to a Continuous Delivery based on GitHub Actions and system routines (From weekly deploys to daily deploys).
- Set up and maintained infrastructure using Docker, Docker Compose, and MySQL.
- Administered Fedora and Debian systems both on Digital Ocean droplet and On-Premise infrastructure.
- Utilized pytest for unit testing to generate Allure reports, and employed Behave and Selenium for automated testing, capturing screenshots for integration into the Allure interface.

Technologies: Digital Ocean Droplet, MySQL, Fedora, Debian, Linux Administration Tools, Allure, Selenium, Behave, Docker Compose, Docker, GitHub Actions, cron scripts, systemd and systemctl.

Data Engineer

Dado Global

Dec 2021 - Dec 2022 Porto - Portugal

- Upgraded Manual tasks to automatic tasks using Selenium, Behave, and Gherkin (Extraction Layer).
- Designed and developed an ETL system, employing pytest to rigorously test the Transform and Load layers.
- Transitioned from query-based procedural solutions to an object-oriented project with layered responsibilities.
- Improved SLA of 70% to 95%.

Technologies/Tools: Python, Pytest, Pandas, Flask, Celery, MySQL, SQLAlchemy, Selenium, Gherkin, Behave, Azure DevOps, Docker.

Software Engineer

Layers Education (Time-bound contract)

Mar 2022 - Sep 2022 São Caetano do Sul - SP - Brazil

- Served as an IT Consultant, collaborating with CTO and CMO to implement performant and trackable marketing campaigns.
- Worked as part of the CORE team to maintain backend services and microfrontend systems (white label to App and Play Store).
- Helped to track performance issues.
- MongoDB queries up to 1.3 seconds in higher traffic to 0.6 seconds.
- DataLake using BigQuery to disposal data to ETL systems (focusing on migrate to relational data).

SOFTSKILLS

Teamwork: Adept at collaborating with others to achieve common goals.

Self-taught: Eager to learn and able to acquire new skills independently.

Critical Thinking: Skilled at analyzing situations and making informed decisions.

Innovative: Constantly seeking new approaches and solutions to challenges.

Organized: Efficient in managing tasks, time, and resources.

Agile: Adaptable to changing environments and quick to adjust to new requirements.

Observer: Pays attention to details, ensuring accuracy and quality in work.

Responsible: Reliable and accountable in fulfilling duties.

Collaboration: Enthusiastic about working with others to produce better outcomes.

Communication: Effective in conveying ideas clearly and understanding others.

Trust: Upholds integrity and earns trust from colleagues and superiors.

Self-Management: Capable of working autonomously and managing one's own tasks.

Focus: Undeterred concentration on the task at hand, ensuring timely completion.

Enthusiasm: Passionate about work and always eager to take on new challenges.

Empathy: Understands and respects the emotions and needs of others.

BACKGROUND

- Addressed security issues based on OWASP standards.
- Add new features and fix bugs of an internal CLI to build up, monitor and set environment (Golang) - from one day or two of setting things up to a pair of hours.

Technologies/Tools: Google Analytics, Node, Express, Vue, MongoDB, Redis, GCP, Docker, Kubernetes, TypeScript, JavaScript, Go, Mocha.

Software Engineer

ClearSale

Nov 2021 - Mar 2022 Miami - FL

- Developed and tested various microservices for a high-performance anti-fraud system.
- Designed, implemented, and maintained database views, triggers, and stored procedures to support real-time fraud detection and automated alerting.
- Executed and optimized database queries using Dapper to efficiently process large-scale anti-fraud data.
- Collaborated with the Product Owner to implement agile methodologies (e.g., SCRUM), streamlining project delivery.
- Contributed to the core team by outlining software engineering processes, creating detailed UML and BPMN diagrams, and mentoring team members.
- Initiated comprehensive unit testing to enhance service robustness and reliability.

Technologies/Tools: C#, .NET, ASP.NET, Dapper, Entity Framework, XUnit, SQLServer, Azure DevOps, Azure Service Bus, Microservices.

Contract Developer

DW Corp

Nov 2021 – Jan 2022 Brasília - DF - Brazil

- Developed an MVP for trader gamification.

Technologies/Tools: React, JavaScript, NodeJS, Python, Django, Django REST Framework, Celery, Redis, PostgreSQL, Google Cloud.

Consultant

Joves

Sep 2021 – Nov 2021 Brasília - DF - Brazil

- Supported an early-stage startup in the adoption of agile methodologies.
- Contributed to the modeling of business processes for a startup with a 1 million investment.
- Integrated and optimized backoffice systems for streamlined operations.
- Coached Chief Level executives on the utilization of cutting-edge systems for management and backoffice tasks.

Technologies/Tools: Google Workspace, Scrum, Trello, RD Station, Kanban, BPMN.

Mobile Developer

Transoft

Jul 2021 – Oct 2021 Brasília - DF

- Developed with the team a mobile application for managing company staff.

INTERESTS & HOBBIES

- **Learning:** Delve into brain studies and neurobiochemistry.
- **Teaching:** Assist others in achieving consciousness.
- **Reading:** Engage with historical (primarily ancient), cosmological, and spiritual texts.
- **Cycling:** Frequent bike rides for leisure and exploration.
- **Volunteering:** Support educational institutions, NGOs, and academic entities.
- **Researching:** Passionate about scientific inquiry as a hobby.
- **Exploring:** Always driven by the adage: **"I only know that I know nothing."**

- Ensured smooth integration with Oracle database and cloud services.

Technologies/Tools: Ionic, Angular 9, Typescript, PHP, Laravel, Oracle DB, Oracle Cloud.

Full Stack Engineer

Computetra

Jul 2021 – Oct 2021 Porto Alegre - RS

- Designed and developed a commercial page generator for selling inspections across various industries.
- Implemented a PCI-compliant checkout flow and plan section leveraging PostgreSQL data.
- Plans and services were automated updated based on database, without the need to redeploy.

Technologies/Tools: IUGU payment, React, JavaScript, NodeJS, C#, .NET, Entity Framework, PostgreSQL, Azure DevOps, Google Cloud, Cypress.

Information Technology Consultant

Computetra

May 2021 – Jun 2021 Porto Alegre - RS

- Spearheaded the development of a system to manage connections to IP cameras.
- Delivered consultancy services for optimized system development and deployment.
- Make the system available with and SLA of 95%.
- Make the system fit the legislation.

Technologies/Tools: Python3, Flask, OpenCV, Docker, Jenkins.

Full Stack Developer

Transoft

Feb 2021 – Jul 2021 Brasília - DF

- Revamped UX and UI for an application managing sensors and cameras for bus fleets.
- Ensured high responsiveness and seamless integration with backend services.

Technologies/Tools: HTML5, CSS, JavaScript, Angular 5, Laravel, PHP, Vagrant, Linux Mint, VirtualBox, Selenium, PostgreSQL, Cypress.

Full Stack Engineer

Computetra

Jan 2021 – Aug 2021 Porto Alegre - RS

- Engineered an Enterprise Resource Planning (ERP) desktop platform.
- Led the vehicle inspection management system development, optimizing the review process.

Technologies/Tools: C#, .NET Core, Entity Framework, JavaScript, React, Electron, React Hooks, NodeJS, SQLite, PostgreSQL, C++, Docker, Jenkins.

Information Technology Consultant

Computetra

Jun 2020 – Dec 2020 Porto Alegre - RS

- Engineered a front-end architecture to transition a legacy web application from AngularJS to React, focusing on the management of vehicle tracking.

- Launched a Proof of Concept (PoC) to validate the feasibility and ensure a smooth migration process that allowed the React application to operate in tandem with the legacy system.
- Championed containerization strategies to integrate applications seamlessly on remote machines.
- Spearheaded the on-premise deployment process to enhance operational efficiency and system stability.
- End to End functional testing using Cypress.

Technologies/Tools: C#, .NET Core, Entity Framework, TypeScript, React, React Hooks, NodeJS, SQL Server, Docker, Mocha, Selenium, Linux Administration.

Business Process Analyst

ConsultMídia - Bank of Brasília

Oct 2020 – Jan 2021 Brasília, DF

- Engaged with stakeholders to comprehend and refine processes.
- Employed Camunda Modeler to implement internal processes aimed at upgrading the Bank of Brasília's workflow.
- Guided clients in platform comprehension and collected feedback on implemented processes.

Technologies/Tools: Bizagi, Camunda, Camunda Modeler, BPMS, BPMN, Selenium, Tomcat.

Full Stack Developer

ConsultMídia - Bank of Brasília

Apr 2020 – Jan 2021 Brasília, DF

- Designed and developed user experiences and interfaces using AngularJS components for the BPMS software, Camunda.
- Crafted RESTful API endpoints to cater to the demands of BPM processes and analysis.
- Integrated Alfresco for document management and executed client-approved processes.
- Identified and addressed performance bottlenecks, ensuring correct delivery with Selenium.
- Worked with Alfresco (Electronic Document Manager - GED), debugged and found traces in TomCat Java server.
- Created and managed flows for end-to-end testing using Katalon and Selenium.
- Handled Java code and debugging in Camunda, utilized JUnit for testing and Spring Boot for API development, and JavaScript for consuming APIs in AngularJS frontends.
- Assisted the architecture team in integrating JMeter with the Maven Surefire plugin to automate performance test reports during Maven lifecycles.
- This helped identify and fix bottlenecks early in development, improving system performance before deployment.

Technologies/Tools: HTML5, CSS, JavaScript, AngularJS, RestAPI, Java, SpringBoot, Surefire, Camunda, Camunda Modeler, Vagrant, BPMS, BPMN, DMS, Selenium, Java, Tomcat.

Lead Capture Web App Developer

Taurus Software

Sep 2019 – Jan 2020 Brasília, DF

- Developed a Polymer-based application tailored for marketing campaigns.
- Designed functionalities to capture leads, send emails, maintain consistent contact, and provide detailed analytics.

Technologies/Tools: Polymer 2, NodeJS, JavaScript, HTML5, CSS, MariaDB, Debian 8, Docker.

Platform Developer

Universidade de São Paulo (USP) & Ministry of Health - Dept. of Pharmaceutical Assistance

Jun 2019 – Jul 2020 Brasília, DF

- Assisted the Pharmaceutical Department of the Health Ministry in managing medicine distribution across 5,000+ counties.
- Played a pivotal role in developing the frontend and integrating it with the REST API and microservices to present data and simplify task execution, reducing fraud and optimizing service integration.

Technologies/Tools: HTML5, CSS, TypeScript, Angular 6, Python, Flask, PostgreSQL, Debian 8, Docker.

IT Service Provider

Taurus Software

Jun 2017 – Jan 2020 Brasília, DF

- Delivered a solution for an IoT product using Polymer, concentrating on managing energy consumption in homes and industries.
- Designed and implemented a website for a software development partner using Polymer for marketing purposes.
- Crafted and launched a performance-focused landing page with integrated email and analytic functionalities.
- Developed hybrid mobile applications for both Android and iOS using Ionic 3, aimed at showcasing events and providing bonuses and prizes to users.

Technologies/Tools: Polymer, NodeJS, SendGrid, Ionic, Angular, PostgreSQL, Docker.

Web and Digital Marketing Manager

Gama Cidadão - Digital Media and Communications Group

Jul 2017 – Apr 2020 Brasília, DF

- Spearheaded the design and implementation of all websites utilizing WordPress and Vue.js, while overseeing migration from Joomla to WordPress.
- Supervised the main WordPress portal that offered news and vital citizenship information.
- Established and diligently maintained portals for partners.
- Crafted high-performance landing pages tailored for marketing campaigns, leveraging Vue.
- Orchestrated various social educational programs, and organized events, while capturing moments as the official photographer.
- Delved into journalism, reporting news, and managing social media platforms.
- Played an instrumental role in projects management, offering consultation in digital marketing and team management strategies.
- Ensured WordPress optimization, security, and maintenance, while championing SEO initiatives for digital outreach.

Technologies/Tools: WordPress, Vue.js, Vuetify, React, Polymer, CSS3, HTML5, PowerBI.

Contract Developer

UMESB

May 2017 – Nov 2017 Brasília, DF

- Initiated the system development in WordPress and transitioned to Polymer due to intricacies related to student IDs and registrations.
- Emphasized on delivering the frontend using Elementor and transitioned the core functionality using Polymer and Node.js.

Technologies/Tools: Polymer, HTML5, CSS, JavaScript, Debian 8, Node.js.

Instructor

IT Universe

Jan 2017 – Jun 2017 Brasília, DF

- Led courses in Web Design, Graphic Design, Computer Basics, and Computer Maintenance.
- Applied UX and UI expertise to simplify complex concepts for young learners.
- Created and delivered course content, emphasizing design principles and information architecture.
- Fostered an understanding of computer functionality and website development processes among students.

Project Developer

Trinca Social Project - Master's Degree Contribution

Jan 2015 – Dec 2015 Brasília, DF

- Contributed to the "Trinca Social Game," a serious game designed to assist a master's degree student with a focus on education.
- Played a pivotal role in frontend development, leveraging technologies like JADE, while providing support to the backend developer.
- Collaborated in emulating card games to address and propose solutions to social issues, where each card represented a cause, problem, or solution.
- Expanded skillset by venturing into backend technologies, despite initial lack of experience.

Technologies/Tools: NodeJS, JavaScript, HTML5, CSS, MongoDB, JADE.