

David Aron Pires Fagundes

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*As a senior software engineer for web and mobile platforms, my focus is to always put to best use my knowledge in programming, efficiency-wise and creatively.
Adaptability, hard work and good communication are what I value the most!*

SKILL HIGHLIGHTS

Development:

React.js, TypeScript, Node.js, Jest, PHP, MySQL, MongoDB, AWS integration, React Native, Nest.js, Vue.js, Next.js, CakePHP, Laravel, PostgreSQL, Git, Docker, Unit Testing, OAuth2, RESTful APIs, Java (Android), CSS3, HTML5, C, C#;

Other:

Team leadership, Agile, SCRUM, Streaming, Office Package, Photoshop, Adobe Premiere, 3D Studio Max, Computer Maintenance;

Languages: English (fluent), Portuguese (native).

WORK EXPERIENCE

- **Senior Software Engineer for AI and Analytics at Kenect / 2024 - 2025**

- Enhancing platform capabilities for Reputation Management, Texting and AI solutions for Dealerships;
- Integration and fine-tuning of LLM AI to automate business solutions and enhance customer service features;
- Leading code reviews to ensure quality and multiple Jira EPIC plannings;
- Collaboration in a focused team environment using Agile and SCRUM methodologies.

TypeScript, React.js, Node.js, Jest, OpenAI APIs, Storybook, GIT.

- **Software Engineer for Generative AI at Scale AI / 2024**

- Development of LLM applications to evaluate data quality, research of difficult problems of data analysis, and execution business solutions;
- Vulnerability research in generative AI models to enhance data training;
- Development of scripts to automate data creation and vulnerability testing;
- Analysis and enhancement of co-pilot AI code generation for solution of logical problems in various programming languages;
- Extensive GCP BigQuery data manipulation for generative AI training;
- TDD environment of development with SCRUM.

Python, C#, Vertex AI, Gemini Pro, ChatGPT 4, GCP BigQuery, SQL, Pandas, NumPy, Matplotlib.

- Senior Software Engineer at Redbridge Debt & Treasury / 2022 - 2024

- Debt & Treasury Advisory ERP platform updates;
- Creation of automated file readers for multiple banks billing statements;
- Implementation of features for data analysis and report construction;
- Implementation of automated system tasks for database migrations/changes;
- Responsible for code reviews and team code quality;
- Focused teamwork with Agile and SCRUM.

CakePHP, Laravel, Node.js, MySQL, AWS, REST, Docker, Git, Unit Testing.

- Full Stack Engineer at Dentsu World Services / 2021 - 2022

- Worked on projects for various client companies with different JavaScript Libraries like React.js and Node.js;
- Developed VR games for Oculus Quest;
- Created web pages for product releases;
- Implemented user interfaces for kiosk screens;
- Construction of serverless backend structures with AWS Lambda;
- Integration of WebAR utilizing 8th Wall;
- Built end-points and RESTful APIs for backend integration;
- Research and experimentation on Stable Diffusion and OpenAI API;
- SCRUM and Agile Methodology for daily work routine.

TypeScript, React.js, Node.js, AWS, Nest.js, Next.js, MongoDB, Symfony, MySQL, C#, Git, Unit Testing.

- Lead Developer at TMW Telecom / 2017 - 2021

- Development team management;
- Project planning and execution;
- Development of ERP and web systems;
- Database administration;
- Native app building;
- E-commerce services integration;
- Implementation of Brazilian pattern invoices (NFe, NFs) for billing;
- Making and implementation of bots for WhatsApp and Facebook;
- IPTV Streaming platforms development;
- Integration of VoIP applications;
- GPS tracking system maintenance;
- Creation of SOAP requests and response processing.

Laravel, React Native, Node.js, React.js, TypeScript, MySQL, REST, SOAP, PostgreSQL, JQuery.

EDUCATION

- Associate Degree in Internet Systems Technology - IFSUL / 2019 - 2022
- Technical Degree in Computer Science - IFSUL / 2013 - 2017