Bruno Ferreira Software Engineer

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I am a software engineer with 5 years of experience in full-stack development, specializing in AI-driven applications, cloud infrastructure, and DevOps. I thrive in collaborative environments, contributing across the entire software lifecycle, along with extensive experience working in remote teams and adapting to flexible schedules.

Skills

Artificial Intelligence

- LangChain, Agentic Workflows
- Jupyter Notebook
- RAG, FAISS
- OpenAI, Anthropic, Llama, Mistral
- Multi-agent, ReAct, Plan, CoT
- Conversational Chat UIs

Full Stack Development

- Python, Typescript, PHP, Node, Java
- Laravel, Lumen, Octane, Swoole
- FastAPI, Express, Next.js
- React, Vue 3, Astro, Tailwind
- Radix, Material UI, Quasar.js
- API, Rest, GraphQL

Databases

- SQL, MySQL, PostgreSQL, SQLite
- MongoDB, Redis, Firebase

DevOps and Cloud Infrastructure

- Docker, AWS EC2, GitHub Actions
- Vercel, Fastcomet, cPanel, Nginx

Professional Experience

Software Engineer • Objeto Inc

Aug 2023 - Jan 2025   Remote • Toronto, Canada

Objeto is a Canadian consulting firm focused on AI and data powered solutions for nonprofits and associations. As the creators of Datascout.ai, they deliver advanced AI Agents to help automate tasks and improve member engagement.

- Designed agentic workflows using Jupyter Notebook for Datascout.ai powered by LangChain and RAG, enabling intelligent data analysis.

- Automated CI/CD pipelines for multiple APIs on AWS EC2 via GitHub Actions, improving deployment speed and safer deployments.

- Implemented end-to-end testing with Playwright, reducing manual testing efforts for iMIS-based applications.

- Optimized microservice orchestration using Docker Compose, Nginx, and EC2, enhancing scalability and deployment efficiency of Python and Node.js APIs.

- Developed and integrated web solutions with WordPress, Squarespace, and Next.js, utilizing TinaCMS for headless content management.

Mid Full Stack Developer • <u>Link Nacional</u>

May 2021 – Present   Remote • Sao Paulo, Brazil

- Developed 10+ custom WordPress and WHMCS plugins, amassing over 700+ active installations in the WordPress plugins marketplace.

- Streamlined customer support by integrating WHMCS with Chatwoot, WhatsApp API, and Evolution API, reducing response times.

- Integrated 5+ payment gateways (Bank of Brazil, Cielo, PagSeguro, PagHiper, SIBS) into WHMCS, WooCommerce, and GiveWP, improving transaction efficiency.

- Built high-performance internal APIs with Laravel Octane, Swoole, and Vue.js to enhance system performance.

- Resolved customer support tickets in collaboration with teammates and providing solutions for technical support tickets.

Education

Bachelor of Computer Science • Uninter   Jan 2025 – Present

Technology in Systems Analysis and Development
State Technical School Prof. Antonio Carlos   Mar 2021 – Jul 2022

Languages

- Portuguese: Fluent
- English: Professional/Advanced
- Spanish: Basic