

Bruno Nunes de Souza

Fullstack Tech Lead

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Professional Summary

Fullstack Developer with over 25 years of experience, specializing in scalable and robust backend and frontend solutions. Experienced with technologies like React, Next.js, Node.js, FastAPI, AWS, Docker, CI/CD, and DevOps. Additionally, I am adaptable, focused on automation, code quality, and delivering efficient solutions. Eager to bring my extensive experience to the next challenge and help drive innovation and success in the next team I join.

Work Experience

NFe na Rede – Founder and Lead Developer Jun 2012 – Present · 12 yrs 4 mos

- Made all the code for NFe na Rede, a web application for invoice management, processing over 1 million invoices.
- Reduced invoice authorization time from 1 minute to 5 seconds by automating manual processes, optimizing the website architecture and streamlining the workflow from 10 steps to 1 step.
- Managed both frontend and backend programming in an event-driven architecture, enhancing the user experience.
- Leveraged my analytical skills to continuously improve operational efficiency by integrating JavaScript frameworks and optimizing PHP usage in a serverless environment as the core invoicing platform.
- Increased user satisfaction by 87% through optimizing the frontend experience, enhancing website performance.

ZAX App – Tech Manager Sep 2022 – Nov 2022 · 3 mos

- Led the project management of internal system remodeling, transforming multiple systems into a unified platform, ensuring full integration across departments.
- Collaborated with the product team to ensure website architecture was optimized for frontend design and backend functionality.
- Supervised the completion of API design and development to ensure seamless integration and improved responsiveness.
- Improved system efficiency by 30% after platform unification, resulting in faster internal processes.
- Drove enhancements in web application performance while overseeing organizational changes to boost team productivity.

ZAX App – Backend Team Lead Feb 2022 – Aug 2022 · 7 mos

- Led a team of backend developers, coordinating tasks and timelines to ensure the timely delivery of web applications and APIs.
- Played a key role in developing APIs and managing complex integrations between the internal systems and external services.
- Participated in the recruitment process, including interviewing and onboarding new developers, improving team cohesion and performance.
- Used effective communication skills to align technical objectives with business goals.

ZAX App – Backend Developer Apr 2021 – Feb 2022 · 11 mos

- Developed and maintained system routines for marketplace flows, enhancing the backend programming performance using Python and Node.js.
- Created a CI/CD pipeline, automating the deployment process and increasing security and stability.
- Applied troubleshooting capabilities to optimize database operations and streamline backend performance for improved user experience.

Comercial G3 Informática Ltda – CTO Apr 2016 – Sep 2020 · 4 yrs 6 mos

- Directed the infrastructure transition to AWS, including developing an internal system for EC2 management and enhancing web architecture.
- Led backend programming efforts using PHP to integrate new features with external technologies, enhancing system scalability and security.
- Designed and developed the frontend in Angular, delivering a better user experience across different devices.
- Enhanced operational efficiency, enabling the company to scale operations by 200% and meet the growing demand with reduced costs.
- Ensured smooth migrations and integrations by focusing on precision and systematic problem solving skills.

App Jolie – CEO Apr 2015 – Apr 2016 · 1 yr 1 mo

- Founded App Jolie after a successful Startup Weekend pitch, placing 3rd and securing initial investment for development of a beauty platform.
- Led all aspects of the startup, from market research and strategic planning to project management and web architecture.
- Adapted quickly to industry demands, gaining valuable insights and developing a comprehensive understanding of the market while expanding my organizational and communication skills.

Education

Bachelor of Information Systems (Strategic Planning emphasis) – Universidade Presbiteriana Mackenzie 2005 – 2010 (Incomplete)

- Developed essential strategic planning skills that have been pivotal in my professional journey, complementing my technical expertise.

Bachelor of Electrical Engineering – Universidade Presbiteriana Mackenzie 2003 – 2005 (Incomplete)

- Enhanced my understanding of physics and electricity, sharpening my math skills, which complemented my work in software development.

Languages

- Portuguese (native)
- English (professional)

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Tech Skills

Programming Languages

Javascript/Typescript, Python, PHP, COBOL

Frontend

Angular, CSS, Framer Motion, HTML, Ionic, Next.js, React, Tailwind CSS

Backend

Django, Express, FastAPI, Laravel, Node.js

Architecture & Infrastructure

Event-Driven Architecture, Edge Computing, GraphQL, Micro Frontends, Microservices, REST API, Serverless, Vercel

Databases

DynamoDB, MongoDB, MySQL, PostgreSQL, Redis

DevOps & Automation

AWS, Bref (PHP), CI/CD, CloudFormation, Docker, Git, GitHub Actions, Grafana, Jenkins, Kubernetes, Prometheus, Terraform

AI & Machine Learning

AutoGen, AWS SageMaker, ChatGPT, LangChain, Llama

Testing & Monitoring

Codecov, Datadog, Jest, New Relic, pytest, Sentry, Unit Testing

Design & Prototyping

Figma, Photoshop, Sketch, UI/UX

Videos & Animation

After Effects, Premiere, Remotion

Hobbies

- Video gaming
- Cooking
- Camping (I'm an Explorer Scout Leader; honing leadership and teamwork skills while mentoring youth)