

Roberto Santos Mazutti Kosmel

Junior Full-Stack Developer | React | Next.js | Node.js (Express) | PostgreSQL | AWS (EC2, RDS)

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Summary

Junior Full-Stack developer with hands-on experience in production web applications, focused on end-to-end delivery and stability. Work involving React/Next.js, Node.js (Express), and PostgreSQL, plus support for deployment and cloud operations (AWS).

Experience

Software Engineering Intern (Full-Stack) — Blue Exams / The Mindville / MBA No Brainer Apr 2025 – Dec 2025

- Built an end-to-end (0->1) subscription-based mock exam web platform, including exam flows (timer, pause/resume, autosave) and analytics.
- Created and consumed REST APIs (Next.js endpoints, Stripe, NextAuth, Chatwoot, Node.js backend).
- Implemented authentication and subscription billing (NextAuth, Stripe) with PostgreSQL persistence via Prisma.
- Supported deployment and production operations on AWS (EC2, RDS, S3) and Linux/Nginx, including troubleshooting and data/asset migration (Chatwoot).

Selected Projects

Blue Exams — Mock exam platform

2025

- Subscription-based web platform (React/Next.js) with exam experience (timer, pause/resume, autosave) and Question Review + Analytics.
- Consumed REST APIs for authentication (NextAuth) and payments (Stripe).
- Authentication/subscriptions (NextAuth + Stripe), PostgreSQL (Prisma), plus deployment/operations on AWS (EC2/RDS/S3).

C- compiler

UNIFESP

- Compiler implemented in C (lexical, syntactic, and semantic analysis).

Electric Ways — EV routing

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- Route planning app considering driving range and charging stops.

Blue Exams — Landing page (marketing site)

2025

- Static site built with HTML/CSS/JavaScript and operated on AWS EC2 + Nginx with TLS/Let's Encrypt.

Education

Federal University of São Paulo (UNIFESP) — Computer Engineering (in progress) 2023 – Expected Jun 2027

Federal University of São Paulo (UNIFESP) — Science and Technology (BSc) 2021 – 2023

Skills

- **Languages:** JavaScript/TypeScript, Python, C/C++, SQL
- **Web:** Next.js, React, Node.js, Express, REST, JWT, NextAuth, Stripe, Tailwind CSS
- **Databases:** PostgreSQL, Prisma, DBeaver
- **Cloud/Infra:** AWS EC2, AWS RDS (Postgres), AWS S3, Nginx, Docker, Linux
- **Automation & Integrations:** Zapier, Twilio (n8n studying)
- **Tools:** Git, VS Code

Languages

Portuguese (native) | English (advanced)

Activities

Basketball team captain: leadership and teamwork in university tournaments.