

# Roberto Santos Mazutti Kosmel

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

São José dos Campos, SP (Remote) | [roberto.m.kosmel@gmail.com](mailto:roberto.m.kosmel@gmail.com) | +55 19 98926-3577  
[linkedin.com/in/robertokosmel](https://linkedin.com/in/robertokosmel) | [github.com/rkosmel](https://github.com/rkosmel)

## 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
- End-to-end construction of subscription web platform with exam experience (timer, pause/resume, auto-save) and question review + metrics.
  - Creation and consumption of REST APIs (Next.js endpoints, Stripe, NextAuth, Chatwoot, Node.js backend).
  - Authentication/subscription (NextAuth + Stripe), PostgreSQL data (Prisma) and AWS deployment/operations (EC2/RDS/S3).
- C language compiler** 2024
- Compiler implementation in C (lexical, syntactic and semantic analysis).
- Electric Ways — Routes for electric vehicles** 2024
- Route app considering autonomy and charging stops.
- Blue Exams — Landing page (institutional site)** 2025
- Static site implementation (HTML/CSS/JavaScript) and AWS EC2 + Nginx operation, 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, TypeScript, Node.js, Express, HTML/CSS, Tailwind CSS, REST, JWT, NextAuth
- **Databases:** PostgreSQL, Prisma, JSON, SQL, DBeaver, Data Analysis
- **Cloud/Infra:** AWS (EC2, RDS, S3 + multiple services), Docker, Linux, Nginx
- **Automation & Integrations:** Stripe (payments), Zapier, Twilio, n8n (studying)
- **Tools:** Git, VS Code, Microsoft Office (Advanced)

## Languages

Portuguese (native) | English (advanced)

## Activities

**Basketball team captain:** leadership and teamwork in university tournaments.