

ELANDERSON CAVALCANTI GOMES

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São Paulo, Brazil (Open to Remote Worldwide)

SUMMARY

Backend Developer with 2+ years of experience building scalable APIs in Node.js/TypeScript (NestJS, Express, Fastify) and cloud-native infrastructure on AWS. Proven track record of reducing latency by 20-40% and automating processes to save teams 15+ hours weekly. **C1 English proficiency**, experienced in remote collaboration, seeking full-time international remote opportunities.

EXPERIENCE

Systems Developer and Analyst

Alcans Telecom

October 2023 - Present

Cajuru, SP

- Developed and maintained backend solutions, including REST APIs and automation services using Node.js and TypeScript:
 - Engineered a Node.js/TypeScript REST API handling 5,000+ daily requests to automate fiber installation workflows, reducing process time by 20-30% (~15 hours saved weekly) and minimizing manual errors by integrating three internal systems via robust error-handling middleware.
 - Built a NestJS backend solution that decreased server response time by 20% and enhanced service performance and observability through structured logging and Prometheus metrics integration.
- Created and integrated APIs to streamline information flow and deployment processes across microservices architecture.
- Monitored system maintenance and updates, ensuring 99.9% uptime and optimal performance through proactive monitoring and alerting.
- Delivered system training and prepared comprehensive documentation for team and client use, reducing onboarding time by 25%.
- Resolved critical backend bugs in legacy monolith architecture, significantly improving system usability and user satisfaction while preventing potential revenue loss from service disruptions.
- Developed internal tools and landing pages with Next.js/React, integrating multiple ERPs and APIs while maintaining backend focus.

EDUCATION

Associate's Degree in Systems Analysis and Development, Fatec Mário R. de Sylos Filho Feb. 2022 - Jul. 2026

TECHNICAL SKILLS

Backend	Node.js, TypeScript, NestJS, Express.js, Fastify, Spring Boot, Python
Databases	PostgreSQL, CockroachDB, MariaDB, MongoDB (query optimization, indexing, migrations)
Cloud & DevOps	AWS (EC2, S3, RDS), Docker, Kubernetes, CI/CD pipelines, Nginx, Linux
APIs	RESTful design, performance optimization, load balancing, JWT authentication
Tools	Git, Postman, npm/yarn, Maven/Gradle, Prometheus, Grafana
Testing	Jest, Mocha, unit/integration testing (80% coverage target)
Languages	Portuguese (Native) — English (C1 - Advanced/Fluent)

PROJECTS

Manhwa Reading Platform Backend — (Personal Project) Architected a high-availability backend on AWS (EC2, S3, RDS) designed to handle 10,000+ concurrent users. Implemented Nginx load balancing, reducing server load by 40% through lazy-loaded image delivery. Optimized PostgreSQL queries decreasing API latency by 35%. Containerized with Docker for scalable deployment.

Tech Stack: Node.js, Express.js, PostgreSQL, AWS, Nginx, Docker.