

FABIO MIGUEL NASCIMENTO

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Professional Summary

Junior Full Stack Developer with strong backend orientation and hands-on experience designing scalable, AI-ready systems. Currently pursuing a degree in Internet Systems. I combine real-world incident resolution experience (Level 2 Support) with solid software engineering practices (**Clean Architecture, DDD**). Experienced in building SaaS platforms, asynchronous processing, messaging queues, and integrating AI-driven automation into production systems using **Node.js** and **NestJS**.

Technical Skills

- **Back-end:** Node.js, NestJS, Express, REST APIs, WebSockets, Prisma ORM, TypeORM.
- **Front-end:** React.js, Next.js, TypeScript, TailwindCSS, Vite.
- **AI & Automation:** AI API integration (LLMs), prompt engineering, workflow automation, RAG (conceptual), AI-assisted data analysis.
- **Infrastructure & Data:** Docker, Linux (Bash), Git/GitHub, PostgreSQL, Redis, RabbitMQ.
- **Architecture & Practices:** Clean Architecture, SOLID, DDD, TDD (Jest), JWT Authentication.
- **Languages:** English – Advanced (C1, fluent technical reading).

Professional Experience

Allinsys – Web Development Startup
Web Developer / CRM

Aug/2024 – Aug/2025

- Developed and maintained critical CRM features, ensuring **100% compatibility** with legacy systems.
- Led Git repository organization and enforced structured code reviews, improving overall code quality and maintainability.
- Refactored legacy frontend modules (jQuery to ES6+), resulting in measurable improvements in performance and load times.
- Modernized UI architecture using SCSS and modular, reusable components.
- Collaborated on automation initiatives using AI-assisted tools to speed up feature delivery and debugging workflows.

ParanhanaNet – Internet Service Provider
Level 2 Technical Support Engineer

Mar/2023 – Nov/2023

- Managed **30+ critical incidents daily**, supporting enterprise clients with high availability requirements.
- Reduced Mean Time to Resolution (MTTR) by **20%** by creating diagnostic and automation scripts in Linux/Bash.
- Maintained customer satisfaction (CSAT) above **95%** while resolving complex network and fiber-related incidents.
- Built a strong foundation in systems reliability, monitoring, and root cause analysis.

Academic & Personal Projects

BizzConnect — Multi-tenant Messaging SaaS
End-to-end platform for WhatsApp-based customer communication and automation.

In Progress

- **Scalability:** Designed to support **500+ concurrent WebSocket connections** using Socket.io.
- **Performance:** Implemented asynchronous processing with RabbitMQ and Redis caching, reducing average latency to **<200ms**.
- **AI Integration:** Designed AI-assisted workflows for message categorization, response suggestions, and operational automation.
- **Architecture:** Clean Architecture with domain isolation and multi-tenant support.
- **Stack:** NestJS, Next.js, PostgreSQL, Docker, automated testing.

Brave/Gemini CLI Extension

Open Source Project

CLI tool for AI-powered job description analysis and automation.

- Automated job requirement parsing using LLMs, reducing manual screening time by **up to 90%**.
- Designed extensible command workflows for future AI and data-processing integrations.

Education

Degree in Internet Systems (Technologist)
Technical Certification in Software Development

FACCAT — Expected Jun/2027
SENAC — 2024