

# FELIPE MARQUES

Sorocaba, Brazil | 19 years old | Single

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## EXPERIENCE

### **Junior Full-Stack Developer**

*MindGroup Consulting e Marketing*

February 2025 – Present

*Sorocaba, São Paulo*

- Planned and developed complete systems from scratch to production deployment, using TypeScript, Next.js (SSR/CSR), NestJS, MySQL, Docker, and Prisma ORM, with a focus on scalability and maintainability.
- Integration of robust form validation with Yup, efficient cache management with TanStack Query, secure authentication with NextAuth, and optimized SSR/CSR strategies for performance in Next.js.
- Back-end development in modular monolith architecture with NestJS, clear separation by business domains, JWT authentication, granular permission system (Guards), advanced validation (DTOs), continuous integration (CI/CD), and automated deployment with Docker.
- Refactoring of legacy systems, including dependency updates, introduction of cache (client/server), implementation of permission system, code quality improvement, and technical debt reduction.
- Efficient MySQL database modeling, from design to production, using Prisma ORM and query and index optimization.
- Optimization of critical queries, reducing execution time from 7s to 2s through performance analysis, query adjustments, index usage, and views; measurable improvement in end-user experience.
- Mobile development with React Native and Expo for cross-platform applications.
- Active collaboration with product, design, and QA teams to ensure quality and alignment.

## EDUCATION

### **SENAI Sorocaba**

*Technical Degree in Systems Development*

*Sorocaba, São Paulo*

*January 2023 – December 2024*

- MySQL Database, Networks, TypeScript, Java, OOP, Algorithms

### **SENAI Sorocaba**

*Associate Degree in Systems Analysis and Development*

*Sorocaba, São Paulo*

*January 2025 – Present*

- Data Science, Data Analysis, Java, Algorithms, Machine Learning, Software Engineering, Networks

## OTHER EXPERIENCE

**Freelance Programmer** (2024, Sorocaba) | Landing Page Development

**n8n Automation** (2025, Sorocaba) | Creation of automated workflows using n8n and chatbot development using RAG (Retrieval-Augmented Generation), integration with Google Drive, WhatsApp, and Cloud storage (S3 API) using Cloudflare R2

## TECHNICAL SKILLS

**Languages:** English - Intermediate (B2) | Portuguese - Native

**Programming Languages:** TypeScript, Python, HTML, CSS

**Frameworks — Libraries:** Nest.js, Next.js, React.js, React Native, Expo, TanStack Query, Next Auth, TailwindCSS, Puppeteer, tRPC

**Development Tools:** Git, GitHub, Docker, Linux, VS Code, Insomnia, n8n, S3

**Protocols:** REST (HTTP), tRPC (RPC-based)