

FELIPE MARQUES

Sorocaba, Brazil | 19 years old | Single

+55 (15) 99673-5085 | felipemarques.computacao@gmail.com | [LinkedIn](#) | [Github](#)

EXPERIENCE

Junior Full-Stack Developer

February 2025 – Present

MindGroup Consulting e Marketing

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

Sorocaba, São Paulo

Technical Degree in Systems Development

January 2023 – December 2024

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

SENAI Sorocaba

Sorocaba, São Paulo

Associate Degree in Systems Analysis and Development

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)