

Diogo Soares

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Summary

Recent graduate in Computer Science with hands-on experience through internships and personal projects in developing scalable full-stack applications using React, Next.js, Node.js, and NestJS. Skilled in designing and implementing RESTful APIs with PostgreSQL and applying Clean Code and SOLID principles to improve maintainability. Experienced in containerization with Docker and deploying services on AWS, as well as collaborating on the modernization of legacy systems. Also actively learning new AI tools that are trending in the market.

Education and Certifications

State University of Maringá

2022 - 2025

B.Sc., Computer Science

Technologies and Languages

- **Languages:** JavaScript, TypeScript, Python, Java, C.
- **Backend:** Node.js (Express), NestJS, Spring Boot, MySQL, PostgreSQL, ORMs (Prisma), ORMs (TypeORM), REST APIs
- **Frontend:** React, Vue.js, Next.js, Tailwind CSS, Libraries (React Query, SWR)
- **DevOps/Tools:** Git, Docker, Kubernetes, AWS, Google Cloud
- **Computer Science Fundamentals:** Algorithms, Data Structures, Operating Systems, Computer Networks, Database Systems

Work Experience

Taggo Digital LTDA

2025

Software Developer Intern Maringá, Paraná

- Worked across the full lifecycle of web application development, modernizing legacy systems and applying data structures and algorithms best practices to deliver reliable, scalable applications.
- Designed and implemented robust RESTful APIs using Node.js, Express, PostgreSQL, and TypeScript, and developed dynamic, responsive interfaces with React and Next.js while actively participating in code reviews to ensure maintainability.

State University of Maringá

2024

Software Developer Intern Maringá, Paraná

- Developed a mobile application for public health management in Android Studio using Java, integrating REST APIs for remote data persistence with PostgreSQL and applying efficient data structures for local and remote synchronization.
- I implemented critical interface features and data synchronization logic, and also coordinated a pilot study directly with the Marialva-PR Health Department to gather feedback from real users.

Freelance Projects

2024

Freelance Software Developer

- Equintegra360: Company presentation website, developed using Next.js and React. I implemented the animations and the page design according to the information provided by the company (<https://equintegra360.vercel.app/>).
- Luíza - Doces e Salgados: Website developed with the purpose of serving as a virtual menu and also making it easier to order products through a friendly and intuitive interface. The project was developed using Next.js and React (<https://luiza-doces-e-salgados.vercel.app/>).

Projects

BookHub | [BookHub](#)

- Designed and developed a full-stack library management system in TypeScript using Next.js for the frontend and Node.js (Express) for RESTful APIs, supporting user workflows (reservations, wishlist) and librarian workflows (loans, returns, inventory).
- Technologies: Node.js, TypeScript, PostgreSQL, React, Next.js, Open Library API
- Implemented ETL scripts to extract and process large volumes of bibliographic data from Open Library dump files, optimizing data ingestion and schema design in PostgreSQL.

Business Portal | [Business Portal](#)

- Developed a content management platform enabling companies to publish events and manage blog posts with role-based access control and public content delivery.
- Technologies: NestJS, TypeORM, PostgreSQL, AWS S3, React, Next.js.
- Implemented full CRUD functionality, server-side pagination with filtering, and secure image uploads to AWS S3, improving scalability, performance and usability while ensuring controlled access through RBAC and JWT authentication.