

Eng. Flávio José Lucas da Silva

Computer Engineer - Full-Stack Developer

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Country: Brazil

SUMMARY:

Computer Engineer with three years of experience in web application development, focused on building efficient, scalable, and high-performance **solutions** in close collaboration with clients. Recognized for strong communication skills, collaboration, and adaptability across diverse contexts and challenges.

Native **Portuguese** speaker, fluent in **English** and **Spanish**, with a strong interest in languages and cultures. Continuously studying additional languages, which enhances my ability to work effectively in **multicultural environments** and **international teams**.

Experience with Go, Angular, React, TypeScript, Node.js, NestJS, PostgreSQL, TypeORM, and AWS service configuration. Additionally, experienced in applying the BeMAD (Backend-Driven Multi-Agent Development) process with AI agents, integrating artificial intelligence into the development workflow for automation, code generation, and optimization of the software development lifecycle, with a strong focus on **architectural**, **best practices** and **scalability**.

LANGUAGES:

Spanish: Intermediate; **English:** Advanced; **Portuguese:** Native. **French:** Basic.

Japanese: Basic.

EDUCATION:

Bachelor's Degree in Computer Engineering | 2019 – 2024

Facens University Center, Sorocaba, São Paulo

Keywords: C, C++, C#, Java, GoLang, Unity, Agile, Git, Python

PROFESSIONAL EXPERIENCE:

Software Developer - Mid-level (Remote)

Problem Company | New York, United States

February 2025 – Present

- Perform data migration in a Python-based legacy system.
- Program in TypeScript with React Native and Expo for cross-platform mobile development.
- Collaborate with global teams to deliver scalable solutions.

Keywords: TypeScript, Strapi, React Native, Expo, Redux, Python, Git, Agile

Full-Stack Developer - Mid-level

L.I.G.A - Laboratory for Innovation in Games and Apps | Sorocaba, São Paulo

April 2021 – August 2023

- Developed and maintained web applications using Angular, React, and Node.js.
- Collaborated with multidisciplinary teams to define, design, and release new features.
- Implemented RESTful APIs and integrated third-party services.
- Optimized applications for maximum speed and scalability.
- Participated in code reviews, providing and receiving constructive feedback.

Keywords: NodeJs, NestJs, React, Git, Typescript, Angular, Javascript, Jest, Docker, TypeORM

Full-Stack Developer - Intern

L.I.G.A - Laboratory for Innovation in Games and Apps | Sorocaba, São Paulo

October 2020 – April 2021

- Assisted in developing web applications using modern frameworks and libraries.
- Gained experience in both frontend and backend technologies.
- Worked closely with senior developers to enhance technical skills.
- Contributed to project documentation and user guides.
- Assisted in troubleshooting and efficiently debugging issues.

Keywords: NodeJs, NestJs, React, Git, Typescript, Angular, Javascript, Jest, Docker

FullStack Developer - Freelancer

V.A. Engenharia - Sorocaba, São Paulo

September 2024 – November 2024

- Developed a platform for automated contract generation, including file upload, digital signing, and consultation.
- Created a dynamic form in React, inspired by Google Forms, using SCSS and Clean Architecture.
- Built the backend API in NestJS, integrated with PostgreSQL via TypeORM.
- Configured environment variables for backend security and flexibility.
- Implemented dynamic PDF generation using html2pdf, optimized for A4 format.
- Deployed the platform on AWS with integration to external APIs for digital signatures.

Keywords: NodeJs, NestJs, React, Git, Typescript, Javascript, Docker, AWS, Soft-Skills.