

Maurício Calil Manfrim Lucera

📍 Ribeirão Preto, São Paulo, Brazil

🇧🇷 Brazilian

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🐙 GitHub 🌐 LinkedIn

FULL STACK WEB DEVELOPER

Professional Summary

A final-year Computer Science student at USP and former exchange student at TU Braunschweig, with experience in full-stack web development, as well as cloud infrastructure setup and maintenance. Also experienced in low-power wireless network projects. Native in Portuguese and fluent in English, with basic knowledge of Spanish and German. Deeply interested in software engineering, always striving to improve skills and explore new technologies.

Experience

Technische Universität Braunschweig

Student Research Assistant

📅 Jul/2024 – Jan/2025

📍 Braunschweig, Germany (Hybrid)

- Development of multi-connectivity in wireless sensor networks, enhancing network resilience and efficiency.
- Design and implementation of an IPv6 extension header to support communication between multiple interfaces.
- Creation of efficient mechanisms for handling duplicate packets.
- Extension of the Neighbor Discovery Protocol (NDP) to support multiple network interfaces.
- Improvement of fault tolerance and adaptability in low-power environments.

OctoBit Jr.

Project Manager

📅 Aug/2023 – Mar/2024

📍 Ribeirão Preto, Brazil (Hybrid)

- Contribution to the creation and structuring of the junior company.
- Development of on-demand web applications and provision of consulting services.
- Preparation and conducting of training sessions for the project team.
- Involvement in client prospecting and defining project requirements and scope.

Tokenlab – Tecnologia da Informação LTDA

Web Intern

📅 Aug/2021 – Jul/2023

📍 São Carlos, Brazil (Remote)

- Development and maintenance of scalable full-stack web applications.
- Development of automated tests (unit and integration).
- Configuration and automation of CI/CD pipelines.
- Development of cloud infrastructure on AWS (Lambdas, EC2, S3, Cognito).
- Key technologies: Angular, React (Next.js) for frontend; Node.js (Nest.js) and Java Spring Boot for backend.

Education

University of São Paulo – USP

Bachelor's in Computer Science

📅 Apr/2021 – Dec/2025

📍 Ribeirão Preto, Brazil

Technische Universität Braunschweig – TUBS

Exchange Program in Computer Science

📅 Apr/2024 – Mar/2025

📍 Braunschweig, Germany

Habilidades

- **Languages:** Native: Portuguese – **Advanced:** English – **Basic:** Spanish, German
- **Programming Languages:** JS/TS, Java, C/C++, Python.
- **Front-end:** Angular, React/Next.js, HTML, CSS/SCSS.
- **Back-end:** Node.js/Nest.js, Java Spring Boot, SQL, ORM.
- **Testing and Quality:** Jest, JUnit, Postman.
- **Technologies:** AWS, Git, Docker, Linux.
- **Agile Methodologies:** Scrum, Kanban.