Lucas Guerra

São Paulo, SP, Brazil
+55 (11) 97743-2902 • lucasrochag9@gmail.com • lcsrg • lcs-rg
Portfolio

SUMMARY

- Software Engineering student focused on building and integrating Artificial Intelligence solutions tailored for products and business automation. Hands-on experience developing microservices, REST APIs, and AI agents integrated into mobile and web corporate applications (Java, Spring Boot, Python, FastAPI, and LLMs). Skilled in transforming emerging AI models into functional, scalable tools with a strong emphasis on user experience and business impact.

SKILLS & TECHNOLOGIES

- **Artificial Intelligence & Automation:** LLM Integration, LangChain, LangGraph, Prompt Engineering, Semantic Embeddings, Computer Vision.
- **Languages & Frameworks:** Java, Spring Boot, Python, FastAPI, Angular, TypeScript, React Native.
- **Databases & Infrastructure:** PostgreSQL, MySQL, Redis, Docker, GCP (Google Cloud Platform), AWS, Terraform, Git/GitHub, GitHub Actions.
- **Concepts & Methodologies:** REST APIs, Microservices, Decoupled Architecture, Clean Architecture, DDD, CI/CD, Agile Methodologies (Scrum/Kanban).

PRACTICAL EXPERIENCE

MC1 *Sep 2026 – Present*

Software Engineering & AI Intern

- Developed and integrated an AI chatbot microservice using Python (FastAPI/LLM) for the Winforce mobile application, providing a real-time virtual assistant for field teams.
- Supported, enhanced, and operationalized the company's Computer Vision and Image Recognition product (Retail Execution), providing intelligent analytical and operational support for sales representatives and trade marketing teams during shelf auditing.
- Ensured system stability, smooth data integration, and low latency between AI services, backend architecture, and cloud infrastructure (GCP), delivering functional tools that streamline daily workflows for thousands of users.

Medsafe *Mar 2026 – Aug 2026*

Full Stack Software Engineering Intern

- Designed and integrated an AI-powered assistant in Python using prompt templates and REST APIs consumed by a React Native mobile app, helping nursing staff quickly and accurately verify medication dosages in critical healthcare environments.
- Contributed to the evolution of healthcare web and mobile applications (Java, Spring Boot, Angular, React Native, MySQL), supporting a platform operating across 1,700+ units in 220+ cities (approx. 65,000 monthly consultations).
- Refactored backend endpoints and frontend interfaces, implementing clinical decision-support workflows with high reliability and continuous usability improvements.

EDUCATION & LANGUAGES

- **FIAP - Higher Education Institute** | B.S. in Software Engineering Expected Graduation: Dec 2028
- **iCEV - Higher Education Institute** | B.S. in Software Engineering (Transferred) GPA: 8.7/10.0
- **Languages:** English (B2 - Upper-Intermediate) Spanish (B1 - Intermediate) Mandarin (A1 - Basic)