

LÍVIA DE FÁTIMA SILVA

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Skills

- Java | Spring | Python | Django | Flask | Docker | MySQL | PostgreSQL | Git
- Problem-Solving | Teamwork | Communication | Adaptability
- English (Fluent), Portuguese (Native)

Experience

Software Engineer

2024 - Present

- Project development in **Java** and **Python** using **MVC architecture**, and **Docker** for creating virtual environments.
- Consistent practice in code version control using Git and GitHub, with over **200 commits** made across independent personal projects.
- Contribution to **open-source** projects with a focus on collaboration, code review, and integration of new features.
- Creation of automation scripts for repetitive tasks, such as file renaming and spreadsheet manipulation, using libraries like OS and Pandas, reducing manual workload by approximately 45%.
- Ongoing study of modern frameworks such as **Spring Boot**, **Flask**, and **Django**, emphasising best practices in architecture and security.
- Integration of **REST APIs** and **relational databases** to build scalable and well-structured applications.
- Task planning and progress tracking using the **Kanban** methodology, applying it to both projects and study routines.

Education

Microsoft 365 Certified: Fundamentals

Microsoft

2025

- Fundamentals of **cloud computing** (IaaS, PaaS, SaaS, and deployment models).
- **Security, compliance**, and **data protection** within the Microsoft environment.
- Proficiency in **Microsoft tools** (Teams, Exchange, SharePoint, OneDrive) and their integration to enhance productivity.

Python Pro Bootcamp

App Brewery

2024 - 2025

- Software development with **Python**, **Flask**, and **SQLite**.
- Creation of **web applications** following scalability best practices.
- Integration with external APIs and data handling in **JSON** and **CSV** formats.

Projects

Book Review Blog

08/2025

- REST API built with **Python** and **Flask**, **PostgreSQL** in **Docker** and **JWT-based authentication**.
- Designed to manage a book review blog, including **book ratings**, **categories**, and **personal publications**.

Vet Clinic

09/2025

- Business-driven REST API developed with **Python** and **Django**, using **Dockerised PostgreSQL** and **JWT authentication**.
- Implemented full management for a **veterinary clinic domain**: **users**, **owners**, **pets**, **veterinarians**, and **scheduling**.

Pixel Peel

01/2026

- REST API for an e-commerce platform, built with **Java** and **Spring Boot**, **PostgreSQL** in **Docker** and **JWT-based authentication**.
- Implemented core domain management for **users**, **products**, **shopping cart**, and **orders**, adhering to REST architectural best practices.