

Mariana Lima

Full Stack Developer

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PROFILE

Full-stack developer building production web apps with Python, Flask, JavaScript, React, and Firebase. Graduate in Philosophy from Universidade Federal Fluminense — I bring the same rigor of structured argumentation to how I decompose problems and write code. Fluent in English after seven years in the US. Currently expanding into cloud and DevOps through the IBM Full Stack Software Developer Professional Certificate.

TECHNICAL SKILLS

Languages	Python · JavaScript (ES6+) · TypeScript · HTML5 · CSS3
Frameworks & Libs	Flask · React · Node.js · Bootstrap · FullCalendar.js
Databases	SQLite · SQL · relational data modeling
APIs & Integration	REST APIs · CRUD · third-party API consumption
Cloud & DevOps	Docker · Kubernetes · CI/CD pipelines · Git · GitHub · Render (deploy)
AI & Tools	GitHub Copilot · Generative AI for development · Vibe Coding
Languages (spoken)	Portuguese (native) · English (fluent — 7 years in the US)

PROJECTS

FamilyFlow — CS50x Final Project · Deployed on Render 2025

- Full-stack family organizer web app with role-based access control — adults manage events, tasks, and shopping lists; children get a simplified interface.
- Built with Flask, Python, and SQLite for the backend; JavaScript, Bootstrap, and FullCalendar.js for the frontend.
- Deployed to production on Render, demonstrating end-to-end ownership from development to live environment.
- Live: familyflow-ib6n.onrender.com · GitHub: github.com/Mariwlima/FamilyFlow

Plately — Personal Project · Full-Stack 2026 – Present

- Full-stack recipe planner and organizer with secure accounts — Firebase Authentication (email/password and Google sign-in) and per-user data persisted in Cloud Firestore.
- Weekly meal planner with recipe linking, a guided step-by-step cooking mode with screen wake-lock, automatic servings scaling, and a shopping list grouped by category.
- Full account management (profile, dietary preferences, privacy) and a bilingual PT/EN interface; built in vanilla JavaScript with no framework.
- Live: mariwlima.github.io/Plately · GitHub: github.com/Mariwlima/Plately

EDUCATION

IBM Full Stack Software Developer — IBM · Professional Certificate 2026 – present

- 15-course program covering React, Node.js, Python, Django, Flask, SQL, Docker, Kubernetes, OpenShift, CI/CD, microservices, and cloud computing.
- Includes a dedicated module on Generative AI for software development — GitHub Copilot, AI-assisted coding, and modern development workflows.

CS50's Web Programming with Python and JavaScript — HarvardX / edX · In progress 2026

- Harvard's web-development follow-up to CS50x — Python and Django, SQL and data models, JavaScript, front-end interfaces, testing, CI/CD, and application scalability and security.

CS50's Introduction to Computer Science — HarvardX / edX · Certificate awarded 2025 – 2026

- Intensive computer science course covering algorithms, data structures, Python, SQL, web development, and a deployed final project.

Bachelor's Degree in Philosophy — Universidade Federal Fluminense · Rio de Janeiro, Brazil 2014 – 2018

- Four-year undergraduate program with emphasis on critical reading, structured argumentation, and the analysis of complex systems of thought.
- Developed strong capacities for abstract problem decomposition, identifying underlying assumptions, and building clear, rigorous reasoning — skills that transfer directly into software development.

EXPERIENCE

Au Pair — Cultural Care Au Pair · United States *Feb 2019 – Feb 2021*

- Two-year cultural exchange program in the United States — full immersion in the language and professional culture, resulting in complete English fluency.
- Operated in a high-responsibility environment managing schedules, coordinating activities, and communicating daily in English with American families.

Receptionist / Administrative Assistant — Conselho Federal de Odontologia · Rio de Janeiro, Brazil *Aug 2013 – Nov 2016*

- Front desk operations, calendar management, phone and email communication, and visitor coordination in a structured corporate environment.
- Supported day-to-day administrative routines and served as the main point of contact for clients and partners.