

Maria Fernanda

SOFTWARE ENGINEER

Parnaíba, PI, Brazil

[✉ mfernandarocosta@gmail.com](mailto:mfernandarocosta@gmail.com) | [🔗 mfereeee](https://www.linkedin.com/in/mfereeee/) | [💻 mfernandacs](https://github.com/mfernandacs)

"Today's challenge, tomorrow's achievement."



Education

Federal Institute of Education, Science and Technology of Piauí (IFPI)

B.S. OF TECHNOLOGY IN SYSTEMS ANALYSIS AND DEVELOPMENT

Parnaíba, Piauí, Brazil

Jan. 2024 - Jul. 2026

Work Experience

Aldeiaweb

Goiás, Brazil

SOFTWARE ENGINEER INTERN

Aug. 2025 - Present

- Developed a **SaaS** platform using **Laravel**, implementing a single-database multi-tenancy architecture with data isolation and privacy guarantees.
- Engineered **statistical modules** and dynamic dashboards to provide real-time data insights and performance metrics for end-users.
- Refactored core system **modules** to improve code maintainability and scalability, applying **Design Patterns** to ensure a high-quality code-base.
- Optimized database **performance** and backend logic to handle complex data queries, ensuring seamless user experience and data integrity.

RGM

São Paulo, Brazil

BACKEND DEVELOPER INTERN

Jan. 2025 - Jul. 2025

- Standardized the **UI/UX** across 3 core corporate modules (over 150 applications), resulting in a **40% improvement** in user experience and reduced onboarding time.
- Developed **dynamic reporting systems** in PHP for automated data consolidation, enhancing managerial decision-making processes.
- Built a centralized **Cookie Management API** using **Laravel**, ensuring LGPD (General Data Protection Law) compliance and improving data architecture.
- Collaborated in an **Agile environment (Scrum)**, actively participating in sprints and daily meetings to ensure continuous delivery and software quality.

Extracurricular Activity

IFPI

Parnaíba, Piauí, Brazil

UNDERGRADUATE RESEARCH STUDENT (PIBIC/CNPQ)

Oct. 2025 - Present

- Developing and implementing a responsive, open-source mobile system for archaeological data cataloging and management.
- Designing the system to streamline data collection from excavations, ensuring compliance with **IPHAN (National Institute of Historic and Artistic Heritage)** regulations.
- Optimizing archaeological workflows by transitioning from manual and desktop-based tools to a **high-efficiency mobile solution**.
- Utilizing **Flutter and Dart** to build a cross-platform application focused on accessibility and data integrity in the field.

Honors & Awards

2025 Finalist, ACM-ICPC Latin America (International Programming Contest)

2025 Honor Medal, ACM-ICPC Latin America (International Programming Contest)

Skills

BackEnd C · C++ · PHP · Python · SQL · TypeScript · JavaScript · Dart · Java

Frameworks Laravel · Django · Node.js · Express.js · Deno · Flutter

FrontEnd HTML · CSS · Bootstrap · Tailwind · Figma

DevOps Postman · MongoDB · Git · Docker · Kubernetes

Languages

English Advanced

Portuguese Native