

# Maria Ramirez

Full Stack Developer | Software Infrastructure | Web Applications

✉ [mariaamireez2002@gmail.com](mailto:mariaamireez2002@gmail.com) • [in linkedin.com/in/maria-ramirez-04bba519a](https://www.linkedin.com/in/maria-ramirez-04bba519a)

☎ +58 424-7257431

## ABOUT ME

---

My passion for programming began at the age of 15, inspired by my brother. I started learning Java and creating my first loops; although it was challenging at first, over time I explored different architectures and learned from my colleagues, developing into a professional capable of leading teams and tackling complex projects. While my main expertise is in web development, I am passionate about expanding my skills into areas such as machine learning, artificial intelligence, and languages like Python, Go, and Dart. I aim to continue learning without limiting myself to a single area, constantly evolving as a developer.

## PROFESSIONAL EXPERIENCE

---

### 3Tech Panamá

#### Full Stack Developer

*Feb 2025 – Present*

- Developed and maintained functionalities for cooperative management software.
- Implemented DevOps practices to streamline deployment and infrastructure operations.
- Built backend services with Node.js and integrated cooperative workflows.

#### Achievements:

- Implemented a repository and service-based architecture, creating root classes that streamlined CRUD creation for new models and endpoints.

### ITAPPI - Growth Hacking Agency

#### Software Developer

*Nov 2024 – Feb 2025*

- Provided professional development services for marketing automation tools.
- Designed and optimized backend processes to improve campaign efficiency.

#### Achievements:

- Automated FTP deployment process by implementing a GitHub Actions workflow that correctly sent updates to the server and ensured proper migration tracking for better change management.
- Recreated the local development environment by configuring Nginx, PostgreSQL, and compatible Node.js versions, enabling developers to run the installer-based system locally.

### Pencilz

#### Full Stack Developer

*Jan 2023 – Sep 2024*

- Developed a new enhanced website for Humanrace.
- Integrated site content dynamically from Contentful using React hooks.
- Built a new version of Pencilz website with Stripe payment integration.
- Designed and implemented microservices architecture with full CRUD functionality.

#### Achievements:

- Implemented Strapi CMS to make Next.js projects as dynamic as possible, applying an architecture of organisms, molecules, and atoms within Strapi.
- Migrated data from Supabase to an external service using cron jobs that processed migrations in chunks for efficiency.

## Fortesza

### Lead Back-End Developer

*Oct 2020 – Dec 2022*

- Refactored Laravel codebase implementing service and repository patterns.
- Created and executed unit tests to ensure system reliability.
- Resolved code smells identified by SonarQube.
- Integrated with Alpaca API for ETF trading.
- Built queries for administrative reporting in Google Data Studio.
- Containerized project services using Docker Compose.
- Implemented frontend bug fixes and layouts in Angular.

#### Achievements:

- Developed optimized queries for Google Data Studio, removing slow subqueries that were causing significant delays.
- Implemented scheduled tasks that allowed investors to update their KYC to the latest form version for accurate data validation.

## Hydra Group

### Front-End Developer

*Sep 2022 – Oct 2022*

- Applied pixel-perfect styling adjustments to the website.
- Updated and replaced outdated website content.

## Go Print Design

### .NET Developer

*Jun 2020 – Sep 2020*

- Enhanced product view experience using OpenCart framework.
- Implemented PayPal payment plugins and integrated custom themes.
- Developed views using MVC pattern in ASP.NET Core.

## Grupo Construyo

### Full Stack Developer

*Feb 2020 – May 2020*

- Improved and maintained existing PHP codebase.
- Refactored MySQL queries for performance.
- Implemented reporting system for efficient data visualization.
- Designed responsive layouts with Bootstrap and CSS.
- Built authentication system with role and permission management.

## TECHNICAL SKILLS & CORE COMPETENCIES

---

- **Languages:** JavaScript, PHP, C#, SQL, Python
- **Frameworks & Tools:** Node.js, Laravel, Angular, ASP.NET Core, Bootstrap
- **Databases:** MySQL, PostgreSQL
- **Other:** Docker, Stripe, Contentful, SonarQube, OpenCart, Git

## PROFESSIONAL INTERESTS

---

- **Cloud and DevOps:** Implementation of CI/CD pipelines, container orchestration, and cloud-based deployments.
- **Scalable Web Applications:** Development of high-performance, maintainable web solutions using modern architectures.