Marlon Yepes Ceballos

Software Engineer 💻

Personal Data

Name 🙋:	Marlon Yepes Ceballos
Email ✉️:	marlondevjs@gmail.com
Location 🚩:	Cali,Colombia
LinkedIn 🔦:	Marlon Yepes
Website 🌐:	https://myepes82.github.io/marlonyepes

Career Summary

I am a professional software developer with more than 5 years of experience across many projects. I have knowledge of different technologies and programming languages/frameworks. I have been involved in significant projects, making a high impact in startups, and have led development teams, advocating for the use of best practices and common rules for high-quality software development. I am also known for my excellent communication skills and my ability to build lasting relationships.

Skills

Languages

- Java – 5 Years
- Python – 3 Years
- JavaScript - 5 Years
- TypeScript – 3.5 Years
- Go – 3 Years

Frameworks

- Spring Boot - 4.5 Years
- Django – 2 years
- Flask – 2 Years
- FastAPI – 1 Year
- Angular – 4 Years
- Svelte Js – 1 Year
- NodeJs – 4 Years

Technologies

- Postgres – 4 Years
- Mongo – 3 Years
- Dynamo DB – 2 Years
- Kafka – 3 Years
- RabbitMQ – 2 Years
- Docker – 4 Years
- Kubernetes – 1 Year
- AWS - 3 Years
- GCP – 1 Year
- Cassandra -1 year
- Azure -1 Year

In addition to this, I have knowledge in various areas of programming. I have experience and expertise in Infrastructure (Networks, services, components) Architecture (Segmentation, distribution, and composition of systems, styles/patterns and microservices), and also in design patterns. All of this aligns with a secure development approach, following documents such as the OWASP Top 10.

Languages:

- Spanish (native)
- English (intermediate- B2)

💼Work Experience

Globant (remote) June. 2024 - current

Roles/: Senior Software Designer

Overview: At Globant, I have been working for one of the biggest companies around the world, Disney. Here I'm in charge of maintaining and supporting applications for managing advertisements across all of Disney's commercial and television networks.

Projects: Disney Traffic Advisor Platform

Tools/Technologies: Java, SpringBoot, Postgres, AWS, Redis, Kafka, Docker, Kubernetes

Codigo AI (remote) Jan. 2024 - June. 2024

Role/s: Software Engenieer

Overview: At Codigo, an AI and blockchain startup specializing in the automatic generation of smart contracts on various blockchains, I led the design of the application architecture and managed the development process. Additionally, I contributed to the review and validation of VSCode extensions and their integration with AI and machine learning models.

Projects: Codigo Platform, VS Code extension

Tools/Technologies: Golang, Fiber framework, Postgres, Gcp, Docker, Kubernetes

Ontop Holdings (remote) ` Aug. 2022 – Sep. 2023

Role/s: Senior Backend Developer

Overview: At Ontop Holdings, a rapidly growing startup valued at over $150 million and highly regarded by Y-Combinator, I played a prominent role as a senior backend developer. Here, I led critical integrations with renowned financial institutions such as JPMorgan, one of the leading global banking entities. This integration enabled thousands of contractors worldwide to efficiently conduct transactions in their U.S. accounts. I also contributed to the design and development of the first physical and virtual card in Latin America, offering the ability to make dollar payments anywhere in the world. Furthermore, I was involved in significant integrations with cryptocurrency providers like FTX and Zamp, allowing contractors to move their money through cryptocurrency transactions.

Project: Ontop – common FI core

Tasks performed:

- **Design use cases and common flow for card, wallet, and cashouts cores:** Led the conceptualization and design of fundamental components, ensuring seamless integration and optimal functionality.
- **TDD expected behaviors development**: Implemented Test-Driven Development practices to ensure that the system behaves as expected, fostering a robust and reliable architecture.
- **Real-time Transaction Tracking:**
  Implemented Cassandra for real-time tracking of transaction flow, enabling instant monitoring of transaction status and facilitating real-time data analysis.
- **Implement good practices and make migrations for clean architecture goal**: Enforced best coding practices and initiated migrations to achieve a clean and scalable

architecture, enhancing the overall system efficiency.

- **Write SQL scripts for data migration, consulting, and metrics**: Utilized SQL scripting for data-related tasks, including migration, querying, and generating metrics to support data-driven architectural decisions.
- **Ensure the deployment Quality artifacts**: Played a pivotal role in ensuring the quality of deployment artifacts, emphasizing the importance of reliable and consistent software releases.

Tools/Technologies: Java, Python, Spring/Spring Boot, Kafka, Cassandra, Postgres, Jira, Scrum, AWS, Gcp, Jenkins, Kubernetes, Grafana, Git/Gitlab

Swiftline IO (remote) Jun. 2023 – Sep. 2023

Role/s: Senior Backend Developer

Overview: Key contributor in migrating applications for Bellwether Coffee, optimizing authentication processes and ensuring data integrity. Led large-scale IoT projects Integrating Cassandra to monitor device logs in real-time, optimizing data saving processes, enhancing user experience and system reliability.

Tools/Technologies: Python, Cassandra, JavaScript, TypeScript, Docker, RabbitMQ, MQTT, Auth0 By Okta, AWS (Lambda, Event Bridge, API Gateway, CodePipeline, Dynamo, RDS), MongoDB, Lerna, Node.js, RabbitMQ, Kafka, MQTT, PM2, Node.js.

57Blocks (remote) oct. 2021 – July. 2022

Role/s: Backend Developer

Overview: At 57 Blocks, I worked on two projects, both startups. One was called Zingly's, a platform designed to centralize customer service processes for companies like LG, Samsung, etc. The second one was SpacePlace, focused on Airbnb properties and enabling the sale of products associated with them under the slogan "Make your Airbnb shoppable."

Tasks performed:

- **Get first steps in a starting project – Read MVP projection and scrum artifacts (Impact mapping, Product Visions and Backlog)**: Immersed in the early stages of projects, actively engaged with MVP projections, impact mapping, and scrum artifacts to align development efforts with strategic goals.
- **Start thinking about scalability and looking for strategies for projects product growth**: Initiated considerations for scalability, strategizing for future project growth, and laying the foundation for scalable architecture.
- **Architecture pattern definition:** Played a key role in defining the architectural patterns for the projects, ensuring a cohesive and scalable structure.
- **Infrastructure components evaluation**: Evaluated and selected infrastructure components crucial for the projects, aligning them with performance and scalability requirements.
- **Redis cache implementation for big query management and response speed increase**: Implemented Redis caching to optimize the management of substantial queries, enhancing response speed for improved user experience.
- **Unit Testing**: Contributed to the development process by implementing robust unit testing practices to ensure the reliability of the codebase.
- **Security code implementations**: Implemented security measures within the codebase,

emphasizing the importance of secure coding practices.

Tools/Technologies: Java, TypeScript, NodeJs, Serverless Framework, Shopify, AWS (Lambda, Api Gateway, EventBridge, CloudWatch), Postgres, DynamoDB, Redis, Docker, Kafka, Keycloak.

Cidenet (remote) March. 2021 – Oct. 2021

Role/s: Software Engineer – Technical Lead

Overview: During my tenure at Payvalida, I played a key role in developing comprehensive solutions for global clients. My responsibilities included offering guidance and establishing secure, scalable development practices. Notably, I implemented 3D-Secure for credit card transactions, a significant achievement for PayValida, one of Colombia's largest payment gateways. This initiative set new standards for security and reliability in online transactions nationwide. The platform processes thousands of transactions daily and gained recognition as one of the safest online payment platforms in Latin America.

Tasks performed:

- Client discussions to understand product vision and requirements.
- Collaboration in the product team to define backlog and plan for MVP.
- Definition of architecture pattern, including system design considerations.
- Collaboration with the devops team to define infrastructure items.
- Establishment of software design patterns.
- Tools/Technologies used: Spring, PostgreSQL, AWS, Angular, Terraform.
- Solution design, flow chart creation, and code documentation.
- Increase test coverage for old code.
- Deprecation of unused functionalities.
- Regression testing.
- Security patching in APIs.
- Implementation of security improvements.

Tools/Technologies: Go, Azure, Angular, DynamoDB, AWS, Java, Spring Boot

SENA, Palmira, Colombia Aug. 2019 – Feb.2021

Role/s: FullStack Developer – Project Lead – Innovation Manager

Overview: During my time at SENA, I served as a full-stack developer, leading innovative projects to tackle regional challenges. In SAFI (Integral Formation Assistance System), I developed a comprehensive system for managing students' progress and administrative tasks. In Z-Farming, an IoT project focused on self-managed hydroponic gardens, I developed the backend to enable process traceability and data extraction. Additionally, for Uvico, a project enhancing virtual education, I led the core design and implementation, incorporating features from top online education platforms. SAFI and Z-Farming received recognition in award ceremonies and international forums for their innovative contributions to the community.

Tasks performed:

- Developed and implemented database schemes and architecture designs.
- Led and managed development teams, overseeing scrum ceremonies and acting as a scrum master.
- Conducted frontend and backend programming, utilizing technologies like Angular, React, NodeJS, and Java.

- Implemented unit tests to ensure application functionality and reliability.
- Designed and assembled electronic circuits for IoT projects, including sensors and power supplies.

Tools/Technologies: Angular, React, IOT, Arduino, NodeJS, Express, C++, PostgreSQL, MySql, MongoDb, Java, Spring/Spring Boot, Jhipster, Kafka, RabbitMQ, Digital Ocean, Git/Github, Github Actions, Jenkins

Education

Universidad del valle, Buga, Colombia Aug. 2021 – Ongoing
Systems engineering

Digital House, BSAS, Argentina Jan. 2023 – March. 2024
Backend Specialist Developer

Digital House, BSAS, Argentina March. 2021 – Jan. 2023
Professional Developer

SENA, Palmira, Colombia Feb. 2019 – Oct. 2021
Technologist in analysis and development of information systems

Certifications

Java Backend Developer Career	**Platzi**
Scrum Foundation, Professional Certificate	**CertiProf**
Cyber Security Fundamentals	**Universidad De Antioquia**
Web Development	**Universidad De Antioquia**
Cyber Security Lead	**IT Service University**
Software Architecture, creation of sustainable systems	**LinkedIn Learning**