

# MARIO JOSE MAURELLO

[GitHub](#)

[LinkedIn](#)

Madrid, Spain

## SUMMARY

---

Full-Stack Engineer specializing in web applications, with 8+ years building and shipping production systems across React, TypeScript, PHP, and AWS. Currently focused on Web3 and dApps. Recently owned end-to-end development of Polkadot/Substrate and EVM dApps and cross-chain bridging SDKs, with hands-on implementation across frontend, on-chain integrations, CI/CD, and cloud infrastructure.

## WORK HISTORY

---

### Opslayer, Madrid – Remote

*June 2023 - Present*

#### *Software Engineer - Web3 Developer*

- Owned development of both Polkadot/Substrate-based and EVM-based dApps, integrating Web3 wallets and on-chain data analytics.
- Integrated and maintained dApps with Polkadot.js API for interacting with Substrate-based blockchains, enabling real-time querying of on-chain data and transaction signing.
- Built bridging SDKs to facilitate seamless token transfers across EVM-compatible chains and Substrate chain, removing the complexity for the users of interacting with smart contract and Substrate interfaces.
- Implemented CI/CD pipelines with GitHub Actions, improving deployment reliability and reducing downtime.
- Provided ongoing infrastructure support via AWS, achieving 99.9% service uptime.

### Purestake, Madrid – Remote

*October 2021 - June 2023*

#### *Software Engineer*

- Developed and maintained decentralized applications (dApps) using React, Ethers.js, Viem, Wagmi, and interactions with Solidity contracts.
- Designed and maintained SDKs for blockchain bridging, resulting in improved developer integration in the Polkadot ecosystem.
- Migrated web apps infrastructure from to AWS server-less services, reducing deployment times and complexity.

### Digimobil, Madrid

*April 2021 - October 2021*

#### *Full Stack Developer*

- Developed internal logistics management web application to track and optimize inventory movement, reducing manual workload by 50%.
- Built RESTful APIs in PHP (Symfony), interfacing with SQL Server for real-time data tracking.
- Improved application security by implementing user authentication and role-based access control.

### Imaweb, Madrid

*February 2017 - March 2021*

#### *Project Manager - (December 2019 - March 2021)*

- Managed a cross-functional team of 4 developers and 2 QA testers in the agile development of CRM solutions for automotive clients.
- Delivered 20+ project releases on time and within budget, improving customer satisfaction scores by 25%.
- Acted as primary liaison between clients and technical teams, translating business needs into functional requirements.
- Introduced sprint retrospectives and kanban boards, leading to a 15% productivity increase.

#### *Project Leader - (July 2019 - December 2019)*

- Supervised development of custom modules for automotive CRMs, reducing feature request backlog.
- Mentored junior developer and QA tester, resulting in quicker onboarding and quality improvements.

- Ensured adherence to deadlines and code quality standards during high-priority client rollouts.

Full Stack Developer - *(August 2018 - July 2019)*

- Built core modules for a CRM platform used by over 500 car dealerships across Europe.
- Integrated third-party systems using REST/SOAP APIs, enhancing data flow across platforms.
- Wrote backend services in PHP, managing relational data in MySQL and performance tuning SQL queries.

SQA Developer - *(August 2018 - July 2019)*

- Refactored legacy PHP code and optimized MySQL queries, reducing page load times by up to 60%.
- Collaborated with development teams to triage and resolve bugs reported from production.

---

## **Software AG, Madrid**

*June 2016 - February 2017*

*Natural ADABAS Junior Programmer*

- Developed mainframe applications using Natural and managed data in Adabas, for Madrid's water supply company.
- Documented legacy system workflows and contributed to early-stage migration planning to modern platforms.

---

## **Empresas Polar, Caracas**

*May 2014 - February 2015*

*Maintenance Engineer*

- Led a team of 4 interns in executing preventive maintenance plans for an ice cream production plant.
- Reduced machinery downtime by 15% through optimization of maintenance schedules and troubleshooting protocols.
- Prepared daily reports for upper management on productivity and maintenance KPIs.

## SKILLS

---

### Core skills

- Web development and hosting
- Web3 development in Polkadot and EVM ecosystems
- Service integrations (REST APIs, JSON-RPC, WebSockets, SDKs)
- CI/CD pipelines, automated testing, and QA
- Agile project management (Scrum, Kanban)

### Programming & Development

- JavaScript, Typescript, React, Node.js, Next.js, jQuery
- PHP, Symfony, Laravel
- MySQL, SQL Server, DynamoDB, PostgreSQL, Drizzle, Supabase
- Natural, ADABAS
- Wagmi, Ethers.js, viem, Solidity
- Playwright, Vitest, Jest
- Github Actions, Docker, AWS

### Tools & Platforms

- GitHub, GitLab
- Jira, Confluence, Notion
- Figma
- Google Analytics
- Postman
- Cloud platforms (GCP, AWS)

## CERTIFICATES

---

Ethereum and Solidity — Udemy (2021)

## EDUCATION

---

### Universidad Simón Bolívar - Caracas, Venezuela

Diploma, Maintenance Planning Applied to Industrial Processes

### Universidad Simón Bolívar - Caracas, Venezuela

Bachelor's degree, Mechanical Engineering

## LANGUAGES

---

Spanish - Native

English - Advanced