

MARIO VIDAL DOMÍNGUEZ

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EXPERIENCE

Software Engineer

Datadog

 July 2024 – Ongoing  Madrid, Spain

- Developed and maintained IAST and RASP instrumentation in the dd-trace-java repository to enhance application security
- Authored and contributed to RFCs to define and align on instrumentation standards and cross-language test strategies
- Designed and executed comprehensive test suites in Python in the system-tests repository, ensuring consistent functionality across multiple libraries and programming languages
- Implemented Java-based instrumentation to provide seamless integration with modern applications and frameworks
- Collaborated with cross-functional teams to validate instrumentation performance and compatibility in distributed environments

Software Engineer

eDreams ODIGEO

 October 2023 – June 2024  Madrid, Spain

- Developing and maintaining Java-based JAX-RS microservices for the backend of the application
- Designing and maintaining tables in Oracle DB NoSQL for Big Data information
- Using monitoring tools such as Datadog to ensure platform performance
- Using messaging platforms like Apache Kafka to share information between different sources and users
- Testing applications by creating Unit Tests with JUnit and Mockito, and conducting A/B Testing
- Being in charge of the full development cycle end-to-end with tools like Docker, GCP, Jenkins, Jira, and Git

Back-End Developer

Minsait

 January 2023 – October 2023  Madrid, Spain

- Developing microservices using Java Spring Boot
- Developing and maintaining software using Java Spring Boot and PostgreSQL
- Designing and coding database tables to store the application's data
- Backend development, deployment, and scalability using Docker, K8s and AWS
- Designing and developing integration tests using Java Spock Framework
- Tracking issues and version control using Git

Consultant

KPMG

 March 2022 – December 2022  Madrid, Spain

Software Engineer Intern

AINIA

 February 2021 – June 2021  Valencia, Spain

PROFESSIONAL SKILLS

JAVA
PYTHON
TYPESCRIPT/JAVASCRIPT
SQL
GO
DOCKER & K8S
RUST



STRENGTHS

Frameworks/Technologies

Spring Boot Node.js React IAST
RASP Kafka FastAPI

Databases/Warehouses

MySQL PostgreSQL Oracle DB
MongoDB Snowflake

DevOps

Docker K8S Datadog Jenkins
GitHub Actions

Cloud

AWS GCP Microsoft Azure

EDUCATION

European Master in Software Engineering

Universidad Politécnica de Madrid (UPM), Madrid

 September 2021 – July 2023

BEng in Telecommunication Technologies and Services Engineering

Universitat Politècnica de València (UPV), Valencia

 September 2017 – July 2021

LANGUAGES

Spanish
English
Galician

