MARIO VIDAL DOMÍNGUEZ

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in linkedin.com/in/mariovidaldominguez   🔗 mariovido.github.io/portfolio-frontend/   github.com/mariovido

EXPERIENCE

Software Engineer
Datadog

📅 July 2024 – Ongoing   📍 Madrid, Spain

– Developing and maintaining IAST and RASP instrumentation in the dd-trace-java repository to enhance application security

– Authoring and contributing to RFCs to define and align on instrumentation standards and cross-language test strategies

– Designing and executing comprehensive test suites in Python in the system-tests repository, ensuring consistent functionality across multiple libraries and programming languages

– Implementing Java-based instrumentation to provide seamless integration with modern applications and frameworks

– Collaborating with cross-functional teams to validate instrumentation performance and compatibility in distributed environments

Associate Professor
Comillas ICAI

📅 January 2025 – Ongoing   📍 Madrid, Spain

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

– Backend development, deployment, and scalability using Docker, K8s and AWS

– Designing and developing integration tests using Java Spock Framework

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 ●●●●●