Jay **Morelli**

GO SOFTWARE ENGINEER

Portimao - Portugal

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Summary

As a Go Software Engineer with Siemens, I've been an integral part of the Industrial Edge project, actively influencing processes, enhancing documentation, and contributing to internal libraries. My expertise spans diverse areas, making me a well-rounded software engineer who stands out from conventional developers, thanks to my passion and soft skills.

I thrive on sharing knowledge and experiences with colleagues, and I am trying to actively contribute to open-source projects. I am most at ease in the terminal: I am an avid supporter of Vim and Linux, constantly customizing my environment to achieve the most optimal workflow. My commitment to continuous growth is evident through my enthusiasm for learning and consistently building new projects.

As a dedicated professional, I bring a unique blend of technical proficiency, collaborative spirit, and a genuine passion for innovation. I am eager to contribute my skills and drive for excellence.

Work Experience

Siemens
GO SOFTWARE ENGINEER - EDGE COMPUTING · FULL-TIME

Portugal
June 2023 - Present

- Actively contributing to the development of Industrial Edge
- Enhanced the onboarding, developer and project documentation
- Implementing and desgining the Device Twin feature based on the Kubernetes internal architecture
- Implemented a library that parses a complex filtering query using ANTLR
- Go, Kubernetes, Docker, PostgreSQL, CI/CD, OpenAPI, Linux, Websocket, REST

Colt Technology Services
SOFTWARE ENGINEER · CONTRACT

Portugal
May 2022 - Jun. 2023

- Part of the SD-WAN product team
- My primary focus encompassed rule definitions for firewall, steering, QoS, and analytics within a robust microservices architecture
- Developed new features and migrated microservices to use the latest Java and Spring Boot versions (Java 17, Spring Boot 2.7.X) in a large code base
- API-First approach using the OpenAPI specification to design API contracts and ensure proper documentation
- Weekly production support to ensure product stability and resolving issues in a timely manner
- MongoDB and Oracle SQL for database management, Rancher for Kubernetes cluster management, RabbitMQ and Spring Cloud for microservices communication, and GitLab for automated pipelines
- Java, Spring Boot, Maven, Spring Cloud, MongoDB, Oracle SQL, Rancher, RabbitMQ, CI/CD, OpenAPI, NodeJS, SOAP, Siebel Tool, Linux, Figma

Atos
SOFTWARE ENGINEER · FULL-TIME

Portugal
Jul. 2021 - May 2022

- Co-coordinated and managed a team that is responsible for the onboarding and training of new interns
- Designed and developed a backend REST APIs using the microservices architecture based on the Domain-Driven Design approach
- Developed the frontend with Angular
- Agile methodology (Scrum), Azure DevOps, Java, Spring Boot, Maven, Spring Cloud, Spring WebFlux, Angular, MongoDB, DDD

Certificates

2023	**AWS Certified Cloud Practitioner**,	Amazon Web Services (AWS)
2022	**Oracle Certified Associate, Java SE 8 Programmer**,	Oracle
2022	**Microsoft Certified: Azure Fundamentals**,	Microsoft
2021	**Oracle Cloud Infrastructure 2021 Architect Associate**,	Oracle
2021	**Oracle Cloud Infrastructure Foundations 2021 Associate**,	Oracle

Education

UAlg(University of Algarve)
B.S. IN COMPUTER ENGINEERING

Faro, Portugal
Sept. 2018 - June 2021