Eurico Pinto, Software Engineer

Lisbon, Portugal | eurico.mey@gmail.com | +351 939 626 990

Profile

Hard-working and innovative problem-solver, currently a Development Consultant at SAP. Previously, I worked as a Software Developer at Nokia. In 2019, I earned a BEng in Computers with Electronics from the University of Essex. Driven by a passion for technology and a deep interest in AI, particularly deep learning, I thrive on tackling complex logic problems with real-world impact. I speak Portuguese, Spanish, English and I am currently learning French.

Employment

Jan 2021 — now

SAP

Development Consultant

Developed APIs and Frontend Solutions: Played a key role in an AI-driven SAP guidance solution, leveraging TypeScript to build APIs and optimize data ingestion workflows for Retrieval-Augmented Generation (RAG) architectures running on SAP AI Core. Designed and implemented scalable APIs using Python Flask, integrating HANA DB with SQLAlchemy for database version control. Contributed to frontend development using JavaScript, HTML and CSS, delivering responsive user interfaces. Enhanced SAP chatbot capabilities by building new features with Java Spring, enabling seamless text input from various external APIs.

Automated Migration Processes: Developed automation scripts for asynchronous filesystem migration utilizing Python, AzCopy, rsync, and asyncio to streamline data transfer operations. Conducted extensive testing on OpenSUSE virtual machines and validated performance with Azure Blob Storage.

CI/CD Pipelines, Kubernetes and DevSecOps: Designed and implemented CI/CD pipelines across various projects using Jenkins for continuous delivery and pytest for automated unit testing. Streamlined deployment processes by integrating Docker images from JFrog Artifactory into Kubernetes clusters via Helm. Managed Kubernetes clusters, overseeing the migration of microservices, configuration of custom domains and deployment of local Redis instances. Enhanced security and code quality by incorporating SonarQube for static code analysis, Checkmarx for security scanning and Vault for secure management of credentials.

Integration Projects: Led multiple integration projects involving cloud and on-prem systems, including S4Hana, ECC, and third-party systems. Used XSLT and Groovy for mapping, and worked with various adapters such as HTTPS, OData, and SOAP. Utilized SAP Event Mesh for cloud events.

Community Building: Initiated a Portuguese AI community to share knowledge on Deep Learning, LLMs, RAG and practical use cases.

| Sep 2019 — Dec 2020 | **Software Developer** |
| **Nokia** | |

Software Development: Developed custom Java Spring microservice applications, contributing to the design and implementation of scalable and robust software solutions.

DevOps Engineering: Gained experience in DevOps by working extensively with Jenkins for continuous integration and continuous deployment. Developed and applied bash and Python scripts across multiple VMware clusters to streamline deployment processes and improve system efficiency.

Testing and Automation: Transitioned to a testing role, utilizing bash and Python scripting to automate testing processes. Employed tools like JMeter and Robot Framework to ensure software quality and performance.

Cross-Functional Collaboration: Worked across different teams, gaining a comprehensive understanding of the software development lifecycle from coding to testing to deployment, fostering a holistic approach to problem-solving and project execution.

Education

Sep 2015 — Jul 2019	**University of Essex**
	Bachelor of Engineering - Computers with Electronics
	Final Year Project: Mobile App to detect infected cells with Malaria

Certifications

SAP	**SAP BTP - Integration Suite	SAP BTP - Kyma Runtime**
Cisco	**CCNA Routing and Switching: Introduction to Networks**
Agile	**SAFe Practitioner**

Achievements

| Jan 2020 — Dec 2020 | **Co-Founder & Fullstack Engineer** |
| **Bacle jobs** | |

Development Technologies: PostgreSQL, Express, React, Node.js

Awards: Startup Voucher 2020 (prize: 25k €)

Languages

Portuguese	Native
English	Fluent
Spanish	Professional
French	Elementary (studying B1)

Socials

Linkedin	@emeyva
Github	@emeyva
Blog	emeyva.github.io