

Miguel Távora

SOFTWARE ENGINEER

+351 914 274 200 | miguel.e.tavora@gmail.com | Lisbon, Portugal | LinkedIn.com/in/miguel-tavora-fs42ds/
GitHub.com/miguelTavora

SKILLS

PROGRAMMING LANGUAGES	Java Python JavaScript TypeScript
BACKEND TECHNOLOGIES	Spring Boot Node.js Express.js Django REST gRPC
CLOUD	AWS (Amazon Web Services) Google Cloud Platform (GCP)
FRONTEND TECHNOLOGIES	React Native React Angular HTML Figma
DATABASES	PostgreSQL MySQL MongoDB Oracle Database
DEVOPS & CI/CD	Azure DevOps GitHub Docker Kubernetes Linux
MESSAGING	Kafka RabbitMQ SQS Pub/Sub
OTHER	Git Selenium Postman SonarQube
LANGUAGES	English (advanced) Portuguese (native) Spanish (beginner)

WORK EXPERIENCE

Backend Developer	Accenture Lisbon, Portugal Sep 2024 - Current
<ul style="list-style-type: none">Maintain and improve a microservices-based telecommunication application to enhance performance and scalability.The application implements data replication from a relational database into NoSQL (DynamoDB) to boost reading performance.Utilizes Spring Boot, Kafka CDC, and AWS services (Lambda Functions in TypeScript and Python) to streamline data transformation and ingestion.Monitor the application using CloudWatch.	
Backend Developer	Accenture Lisbon, Portugal Jul 2023 – Jul 2024
<ul style="list-style-type: none">Developed a centralized toll transactions system using Spring Boot (Java 17) and a microservices architecture.The application uses PostgreSQL as database, Cloud Pub/Sub for asynchronous messaging, and Docker with Cloud Run to deploy the application.Development using a strict process of unit and integration testing with JUnit and Mockito.	

EDUCATION

MSc in Software Engineering and Multimedia Instituto Superior de Engenharia de Lisboa, Portugal	Sep 2021 – May 2024
Specialization in AI, ML, software architecture, and cloud. GPA: 16/20	
BSc in Software Engineering and Multimedia Instituto Superior de Engenharia de Lisboa, Portugal	Sep 2017 – Sep 2021
Coursework in AI, back-end and front-end development, cloud computing, networking, multi-threading, and computer vision. GPA: 15/20	

PROJECTS

E-COMMERCE MOBILE APPLICATION WITH RECOMMENDATIONS	Apr 2023 – Jan 2024
<ul style="list-style-type: none">Development of a mobile application for e-commerce that provides recommendations through deep learning.Using Node.js, Express.js, and MongoDB for the Web API, React Native for the frontend and TensorFlow with Django for deep learning.	

WEB API	2024
<ul style="list-style-type: none">• Developed a Web API using MVC architecture and integrated it with a MySQL database.• Implemented security best practices, ensuring secure communication.• Implemented multiple test types for the API using Postman.• Containerized the application and database using Docker.• Developed a website with Angular to interact with the API.	

CERTIFICATIONS

Google Cloud Platform (GCP)	2024
<u>Associate Cloud Engineer Certification</u>	
AWS (Amazon Web Services)	2024
<u>AWS Certified Developer – Associate</u>	