BOUTOU WADII Future Full Stack Developer

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PROFIL

Currently in my 3rd and final year of an Engineering degree in Computer Science and Networks, I am looking for a final year internship starting February 2, 2026, for a duration of 4 to 6 months.

EDUCATION

Engineering degree program in Computer Science and Networks (MIAGE), 2024 – Present
École Marocaine des Sciences de l'Ingénieur Marrakech (EMSI) Marrakech

Bachelor's degree in Distributed Information Systems (SIR), 2023 – 2024
Faculté des Sciences et Techniques de Marrakech (FSTG) Marrakech

PROFESSIONAL EXPERIENCE

Full Stack Web Developer Intern, *AMSOFT Evoleo* 07/2025 – 08/2025
Project: Marrakech
Design and development of a web application that automates the extraction of data from invoices (PDF/images), retrieving key details such as the supplier, taxes, and amounts.
Tasks / Responsibilities:
- Optimization of processing time: reduction from 10-15 seconds to just 3 seconds per invoice, thanks to the complete automation of the insertion workflow.
- Taux de précision atteint : 92 %, avec mise en place d'un système de notification automatique en cas de détection d'erreurs.

Technologies :
Python, FastAPI, PaddleOCR, YOLO, LabelStudio, React, MySQL

Full Stack Web Developer Intern, *Tenmar Petit Bateau* 04/2024 – 05/2024
Project : Marrakech
Development of an internal tool optimizing the planning and monitoring of workloads throughout the entire production process, covering multiple departments and teams within the factory.
Tasks / Responsibilities:
- Analyzing needs and collaborating with stakeholders to define functional specifications.
- Backend development with Spring Boot and frontend development with Angular, ensuring a responsive and efficient user interface.
- Implementation of a system to efficiently manage and distribute tasks within the factory.

Technologies :
Spring Boot, Angular, SQL Server

ACADEMIC PROJECT

QuizMaster AI – Intelligent Quiz Generation with Google Gemini AI, *Automatic generation of questions based on topic and difficulty level, with user performance tracking and detailed analytics to enhance learning.*
Technologies: Spring Boot, React, Docker, GitHub Actions, MySQL.

AgroTrace – Smart Crop Monitoring & Irrigation Optimization Platform, *AI-powered microservices platform for smart farming that detects crop diseases from drone images and optimizes irrigation using IoT and weather data, with a geospatial dashboard (PostGIS, Leaflet).*
Technologies: Python, Java (Drools), React.js, TimescaleDB, MinIO, Kafka, YOLO, Prophet.

SKILLS

Technical
- Programming: Java (POO), JavaScript, Python.
- Tools: Docker, GitHub, Jenkins, UML, Kubernetes, Power BI.
- Databases: Oracle, MySQL, PostgreSQL, SQLServer, MongoDB.
- Frameworks: Angular, Spring Boot, FastAPI, PyTorch, React.
- Testing & Quality: JUnit, JMeter, Selenium, SonarQube.

Soft
- Problem-solving
- Analytical and logical thinking
- Continuous learning
- Technical adaptability

LANGUES

French **English** **Arabic**
Intermediate Fluent Native language

CERTIFICATS

Oracle :
Oracle Database Administration I (in progress)

Coursera :
- Building Scalable Java Microservices with Spring Boot and Spring Cloud
- Introduction to containers with Docker, Kubernetes, and OpenShift.