

DIOURI MEHDI

Full-Stack Developer Intern | Applied AI Projects

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Profile

Engineering student in Computer Science and Networks at EMSI, seeking a Full-Stack Development internship. Hands-on experience building web applications with React, Node.js, Django REST Framework, REST APIs, databases and Docker, with applied NLP sentiment-analysis features.

Education

Engineering Degree in Computer Science and Networks — 3IIR

EMSI — Rabat

2025 – Present
Software Development, Systems and Networks

Integrated Preparatory Classes — 1AP / 2AP

EMSI — Rabat

2023 – 2025
Mathematics, Physics and Algorithmics

Scientific Baccalaureate — Physics and Chemistry

Kénitra Science High School — Kénitra

2023

Professional Experience

Full-Stack Developer Intern

Immobilier Diouri — Rabat

Summer 2025

- Developed a web and mobile real-estate platform for property listings, search and sales workflows.
- Built REST APIs, data models and JWT authentication using TypeScript, Node.js and PostgreSQL.
- Structured the project as a monorepo and configured Docker-based development environments and CI/CD workflows.

Technical Projects

Tastify — Restaurant ERP & Sentiment Analysis

React, Django, MySQL, Redis, Celery

Co-developed a restaurant ERP covering orders, kitchen workflow, inventory, reservations, payments and customer feedback. Built staff and customer interfaces, then integrated asynchronous review sentiment analysis with NLP models and task queues.

EMsee — Full-Stack Social Media Application

React, Node.js, Socket.io, MongoDB

Developed a Twitter-inspired application with JWT authentication, MongoDB persistence, REST APIs and real-time social interactions through Socket.io.

DepanceAPP — Personal Finance Management

Node.js, Express, Prisma, SQLite

Built an application for managing accounts, transactions, budgets and recurring expenses through a structured local data model.

Technical Skills

Programming

TypeScript, JavaScript, Python, Java, PHP, C/C++

Frontend

React.js, React Native, Expo, HTML5, CSS3, Responsive Design

Backend

Node.js, Express.js, Django REST Framework, REST APIs, JWT

Databases

PostgreSQL, MySQL, MongoDB, SQLite

AI & Data

NLP, Sentiment Analysis, Hugging Face APIs, MARBERT

DevOps & Tools

Docker, Git, GitHub, CI/CD, Linux, Redis, Celery, VS Code, Figma

Selected Certifications

Oracle Database Foundations

LearnQuest / Honoris

Software Engineering: Software Design and Project Management

The Hong Kong University of Science and Technology

JavaScript, jQuery, and JSON

University of Michigan

Using Python to Access Web Data

University of Michigan

Building Web Applications in PHP

University of Michigan

Introduction to Object-Oriented Programming in C++

EPFL Lausanne

Languages & Interests

Languages: Arabic (Native) | French (Bilingual) | English (Fluent)

Interests: Artificial Intelligence, Machine Learning, Self-Hosting, Homelab, Open Source