

Mohammed EZ-ZOUAK

Junior Full-Stack Developer

Casablanca, Morocco | (+212) 06-0203-7451 | m.ezzouak@outlook.com
linkedin.com/in/mohammed-ez-zouak | github.com/mezzouak | mezzouak.tech



Summary

Junior Full-Stack Developer with hands-on experience building and deploying web applications using Python (Django). Contributed to production systems serving thousands of daily users, with a focus on backend development, database performance, and real-time features.

Experience

Software Engineer (Junior)

ITSS Paris

2025-08 – Present

Casablanca, Morocco

- Contributed to backend development of Django-based platforms, including IJConnect (~5K daily users).
- Improved performance of database-heavy pages by identifying bottlenecks (AWS RDS insights) and applying indexing and query optimizations, reducing load times from several minutes to ~30 seconds.
- Implemented real-time notifications using WebSockets and integrated chat via a Matrix server.
- Participated in client communication, requirement estimation (chiffre), development, and deployment.
- Worked across multiple client projects in a multi-tenant environment.

Software Engineer Intern

Lear Corporation

2025-02 – 2025-07

Kenitra, Morocco

- Developed a proof-of-concept defect detection system using YOLO and OpenCV (~77% precision / 75% recall).
- Built dashboards to visualize production KPIs (defect rate, throughput, downtime).
- Contributed to MVP tools supporting digitalization of internal workflows.

Freelance / Contract Developer

Twins Groupe

2025-01 – 2025-02

Fes, Morocco

- Implemented a search feature using Apache Solr in a Drupal-based platform.
- Supported backend development and templating tasks during a short-term engagement.

Education

State Engineering Degree in Computer Science – Specialization: Information Systems and Decision Support

ENSA Tetouan

2020 – 2025

Tetouan, Morocco

Technical Skills

Backend & APIs: Python (Django), REST APIs, WebSockets

Databases: PostgreSQL, MySQL, query optimization, indexing

Data Engineering & AI: Airflow, dbt, GCP, YOLO, OpenCV

Web: JavaScript, React (basic), HTML, CSS

Cloud & Tools: Google Cloud Platform, Docker, Git

Languages

Arabic (Native) French (C1) English (C1)