

EDUCATION

- **ENSA Marrakech** Marrakech
Master in Data Science; CGPA: 8.48 *July. 2015 – May. 2019*

EXPERIENCE

- **Orange Digital Center** Casablanca
Backend Developer *Jun 2021 - Present*
 - **Task 1:** Implemented caching strategies with Redis reducing database load by 60%
 - **Task 2:** Built RESTful APIs following best practices with proper error handling and validation
 - **Task 3:** Architected and developed backend services using Python Django and PostgreSQL
- **Maroc Telecom** Rabat
QA Engineer *Dec 2019 - Oct 2020*
 - **Task 1:** Designed and executed comprehensive test plans for web and mobile applications
 - **Task 2:** Performed API testing using Postman and developed automated test scripts
 - **Task 3:** Automated testing using Selenium, Cypress, and JUnit frameworks

PROJECTS

- **Learning Management System:** Built an online education platform with course management, video streaming, quiz system, and student progress tracking.
- **Social Media Analytics Tool:** Implemented a social media monitoring tool with sentiment analysis, engagement metrics, and automated reporting using NLP.

SKILLS

- **Proficient:** Node.js, Java, Spring Boot
- **Comfortable:** MySQL, Microservices, REST API, Redis