

OFIR Ilias

Driven Software Engineering student with practical experience in full-stack development and applied machine learning. Passionate about building scalable, user-focused solutions using modern technologies like React, Spring Boot, and FastAPI. Eager to contribute to large-scale, impactful projects and continuously deepen my expertise in AI and cutting-edge IT systems within a collaborative and innovative environment.

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Education

FST Settat – Computer Science Engineering Degree (2023–Present)

- Core Studies: Programming Fundamentals, Mathematics.
- Focus Areas: Software Engineering, Data Structures, Algorithms
- Relevant Coursework: Database Systems, Web Development, Software Design Patterns

FST Mohammedia – Diplôme d'Études Universitaires en Sciences et Techniques (DEUST) (2021–2023)

Les Écoles Scientifiques – Bachelor's in Physics Science (2020–2021)

Experiences

QA Automation Engineering Intern

ONCF (Office National des Chemins de Fer) | June 2025 - July 2025

- Analyzed and mapped the Source-to-Contract (S2C) financial process in Oracle ERP
- Designed detailed test cases and executed functional test campaigns
- Explored feasibility of automation using Oracle Application Testing Suite (OATS)

Data Science & Software Engineering Intern

Hassania School of Public Works | June 2024 - July 2024

- Built an e-learning platform using Django & PostgreSQL
- Applied data clustering/cleaning on structured datasets
- Gained hands-on experience in full-stack dev (React.js, Node.js, Django)

Projects

ChatWithMe – Real-Time Chat Web App (2025)

- Built a real-time messaging platform for seamless communication
- Implemented WebSockets for instant message updates
- Tech Stack: Node.js, React.js, WebSocket, TailwindCSS

KouraZone – Sport Field Reservation Mobile App (2025)

- Developed a mobile app for sport field reservation and match creation.
- Implemented the backend using Laravel and MySQL, and built the frontend with Flutter using Material UI components.
- Tech Stack: Flutter, Material UI, Laravel, MySQL, Git

Recruiting Agency App – JavaFX Desktop Application (2024)

- Designed a multi-client recruitment platform for companies and job seekers
- Enabled job postings and interactive journals
- Tech Stack: JavaFX, MySQL, IntelliJ IDEA

Sentiment Analysis & GNN Optimization (2024)

- Developed a sentiment analysis app for text classification
- Improved a Graph Neural Network (GNN) model for higher accuracy using PyTorch
- Tech Stack: PyTorch, Machine Learning, Data Processing

Technical and Soft Skills

Technical Skills

- Programming Languages: Python, Java, JavaScript
- Web Development: React.js, Node.js, Spring Boot, Django, TailwindCSS, Nest.js, Laravel
- Automation: Selenium, OATS
- Databases: MySQL, PostgreSQL, MongoDB, OracleDB
- Machine Learning: PyTorch, Neural Networks, Data Clustering & Cleaning
- Tools & DevOps: Git, Docker, REST APIs, Terraform, Oracle Cloud (*Certified in OCI*), Jenkins, Kubernetes
- Software Architecture: MVC, Microservices, Scalable System Design

Soft Skills

- Problem-Solving: Analytical mindset with a structured approach to challenges
- Communication: Strong written and verbal skills for collaboration and presentations
- Teamwork & Leadership: Experienced in cross-functional collaboration and team projects
- Time Management: Ability to meet tight deadlines and manage multiple tasks efficiently
- Adaptability: Quick learner, comfortable working with new technologies and tools