

OFIR Ilias

Passionate Software Engineering student with hands-on experience in full-stack development and machine learning. Skilled in modern frameworks like React, Spring Boot, and FastAPI. Seeking opportunities to apply problem-solving skills and innovate in real-world applications.

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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)**

Experience

Data Science & Software Engineering Intern

Mentored by Mr. MESKALI Abdelaziz – Hassania School of Public Works | Summer 2023

- Learned application structures and architectures, focusing on scalable software design
- Gained proficiency in React.js, Node.js, and Django for full-stack development
- Mastered data clustering and cleaning techniques for structured datasets
- Developed an intelligent school e-learning platform enabling student-teacher interaction
 - Utilized Django & PostgreSQL for backend and database management

Projects

ChatWithMe – Real-Time Chat Web App (2024, Ongoing)

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

Eventure – Event Management Platform (2024)

- Developed a web app for event creation and attendee management
- Integrated Spring Boot for backend and Thymeleaf & TailwindCSS for UI
- Tech Stack: Spring Boot, Thymeleaf, MySQL, Git, TailwindCSS

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 paragraphe

Technical and Soft Skills

Technical Skills

- Programming Languages: Python, Java, JavaScript
- Web Development: React.js, Node.js, Spring Boot, Django, TailwindCSS, GraphQL
- Databases: MySQL, PostgreSQL, MongoDB
- Machine Learning: PyTorch, Neural Networks, Data Clustering & Cleaning
- Tools & DevOps: Git, Docker, REST APIs, WebSockets, Oracle Cloud (*Certified in OCI*), Jenkins
- 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