Ilias Ofir Software Engineering

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PROFILE

I'm a final-year software engineering student passionate about developing intelligent and high-performance applications. I have experience in full-stack development using modern frameworks such as React, Spring Boot, and Node.js. I'm looking for a final-year internship project to further enhance my skills and grow in an innovative environment.

EXPERIENCES

Full-Stack Java/Angular Development Intern
Attijariwafa Bank | August 2025 – September 2025
- Full-stack development of a web-based General Assembly management application (Spring Boot / Angular).
- Modeling and implementation of business processes.
- Front-end and back-end continuous integration.

QA Automation Engineering Intern
ONCF (Office National des Chemins de Fer) | June 2025 – July 2025
- Analysis and mapping of the financial Source-to-Contract (S2C) process in the Oracle ERP system.
- Design of detailed test cases and execution of functional test campaigns.
- Feasibility study of test automation using Oracle Application Testing Suite (OATS).

Data Science and Software Engineering Intern
École Hassania des travaux publics | June 2024 – July 2024
- Development of an e-learning platform using Django and PostgreSQL.
- Application of clustering and data-cleaning techniques on structured datasets.
- Gained hands-on experience in full-stack development (React.js, Node.js, Django).

EDUCATION

FST Settat – Engineering Degree in Computer Science (2023–Present)
  - Software engineering, web development, and systems modeling.

FST Mohammedia – University Diploma in Science and Technology (2021–2023)
  - Computer science, applied mathematics and physics.

Les Écoles Scientifiques – Baccalaureate in Physical Sciences (2020–2021)
  - Scientific training, logical reasoning, and analytical skills.

PROJECTS

AI Research Assistant – Multi-Agent Automated Research System (2025)
- Developed a real-time messaging platform enabling seamless communication.
- Implemented a multi-agent workflow (Researcher → Reviewer → Synthesizer) with collaborative and automated research.
- Tech Stack: FastAPI, React.js, WebSocket, gemini-flash-2.5, crewAI, Git.

KouraZone – Sports Field Booking Mobile App (2025)
- Built a mobile application for booking sports fields and organizing matches.
- Developed the backend with Laravel and MySQL, and 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.
- Implemented job posting features and interactive activity logs.
- Tech Stack: JavaFX, MySQL, IntelliJ IDEA.

SKILLS

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

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 DevOps Professional — Oracle, Oct 2025
Oracle Cloud Infrastructure Foundations 2024 Certified Associate — Oracle, Feb 2025
Big Data Foundations – Level 2 — IBM, May 2025

LANGUAGES

English: Fluent   **Frensh:** Fluent   **Arabic:** Native