IMEN LAKHAL

Computer Science Engineering Student

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SUMMARY

I am currently a third-year computer science engineering student, specializing in software engineering, at the National School of Computer Science (ENSI). I am actively seeking an end-of-studies internship in the software engineering field and I am eager to apply my skills and knowledge.

EDUCATION

2022 - Present   **Engineering cycle in computer sciences**   *University of Mannouba*
National School of Computer Science - ENSI

2020 - 2022   **Preparatory Diploma in Mathematics and Physics**   *University of Monastir*
Preparatory Institute for Engineering Studies Monastir-IPEIM

EXPERIENCE

June-July 2024   **Summer internship: Real-Time Employee Tracking and Feedback System**   **LEONI**
- Developed a web platform allowing administrators to track employees in real-time on an interactive map, ensuring accurate updates at regular intervals.
- Created a mobile app enabling employees to activate and share their location.

`Flutter / Firebase / React JS / Visual Studio Code / Android Studio`

July 2023   **Summer internship: Mobile Application Development**   **Simsoft Technologies**
- Design, develop the front-end of a mobile application for order management .

`Flutter / Figma`

PROJECTS

August 2024   **Python API Development using FastAPI, PostgreSQL and Docker Integration**   **github.com link**
- Built a full API in Python using FastAPI.
- Set up CI/CD pipelines with GitHub Actions.
- Automated testing with pytest.

Tools: FastAPI, Python, SQLAlchemy, PostgreSQL, Docker, Docker Compose, GitHub Actions, NGINX, Pytest, Postman.

Feb-May 2024   **Mobile Application for Train Tracking**   **github.com link**
- Developed a mobile application based on GTFS data, providing users with real-time access to train schedules, routes, and station information.
- Enabled users to plan trips, view delays, and submit feedback.
- Integrated secure user authentication.
- Implemented object detection using Convolutional Neural Networks for monitoring accidents.

Tools: Flutter, Spring Boot, PostgreSQL, Git, Python, Fast API, ReactJS, Machine Learning .

Jan-Feb 2024   **My-Portfolio**   **github.com link**
- A website presenting my projects and skills to potential clients or employers.

Tools: ReactJs, Node.js, MySQL.

SKILLS

Programming:	Python, Java, JavaScript, C++, C.
Databases:	MYSQL, SQL, MongoDB, PostgreSQL, Firebase.
DevOps:	Docker, Docker Compose, Jenkins, Kubernetes, Github Actions, AWS.
Frameworks:	Node.js, React.js, Flutter, Spring Boot, FastAPI, Django.
Tools:	Git, VS Code, Postman, Android Studio.

CERTIFICATIONS

- Certificate in Docker Training Course for the Absolute Beginner.
- Certificate in Kubernetes Fundamental.
- Certificate in Jenkins.
- Certificate in AWS Cloud Practitioner Essentials.

LANGUAGES

English - Intermediate, **French** - Professional, **Arabic** - Native

EXTRACURRICULARS

2023 – 2024   **Media Manager**   **IEEE CS ENSI Student Branch Chapter**