BELAID Houssem Eddine

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Objective

Highly motivated Software Engineering student with expertise in Python, Java, web development, AI, and cybersecurity. Seeking an internship to apply technical and problem-solving skills in real-world projects. Passionate about machine learning, cloud computing, and secure software development, with a strong drive to contribute to innovative solutions.

Experience

Project Manager | [University of Ouargla] | [01/2024 – 05/2024]

Led 4-student team in developing MERN stack platform for book enthusiasts with real-time chat. Implemented Agile workflows, boosting team efficiency by 30%. Designed architecture and coordinated full-stack integration (MongoDB, Express, React, Node.js)

Self-Projects

- SQLi Detection Tool | Python, Flask, React, ML | Jun 2025

Built a web app that detects malicious SQL queries with 96% accuracy; deployed API (Render) + frontend (Vercel).

- Real-Time DB Monitoring | React, Node.js, MySQL, WebSocket | Dec 2024

Designed a custom live dashboard with interactive charts.

- Patient Management System | React, Node.js, MySQL | Mar 2025

Created a clinics management app with appointment booking and role-based access.

Education

Computer Engineering (Software)

- Univ. of Boumerdes (2024–Present) | Univ. of Ouargla (2022–2024)

Skills

- **Programming:** Python, Java, JavaScript (React, Node.js), SQL,
- **AI/ML:** Machine Learning, KNN, Neural Networks, linear regression, error calculation, pandas , pytorch, numpy, Scikit-learn.
- **Tools:** Git, GitHub, Render, Vercel, Figma, Google Colab, jupyter notebook .
- **Cybersecurity:** Secure Coding, SQLi Prevention, XSS ,Openssl, Docker.