

HICHAM MAHBOUB

Final-Year Internship 2027 - Full-Stack Java / Angular

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hichammahboub.live - SCAN PORTFOLIO

01 PROFILE

Final-year engineering student at ESI Rabat with hands-on full-stack experience focused on Spring Boot, Angular, and REST APIs. I contribute from backend modeling to web integration, testing, and containerization, with a primarily backend role in team projects.

02 EXPERIENCE

Full-Stack / Backend Engineering Intern - S B Solutions - RiLyMed

Jul 1 - Sep 10, 2026

Web/mobile recruitment platform for medical and dental professionals.

- Developed Spring Boot APIs and business reference data for web/mobile user journeys, using PostgreSQL, Flyway, automated tests, and OpenAPI documentation.
- Contributed to recruitment-flow integration and MVP delivery with Docker and GitHub Actions; backend checkpoint reached 168 passing tests.
- Collaborated in a 4-person backend team on API contracts, security, and integration with application clients.

Web Developer - Professional Internship - Association Al Amal

Jun - Jul 2025

- Built a school monitoring application with Laravel, Tailwind CSS, SQLite, and Chart.js to centralize beneficiary data.
- Analyzed field needs and created dashboards that made monitoring and result analysis easier for the team.

03 EDUCATION

Engineering Degree - ISITD - École des Sciences de l'Information (ESI), Rabat

2024 - 2027

Information Systems Engineering and Digital Transformation

MP Preparatory Classes - Lycée Ibn Timiya, Marrakech

2022 - 2024

04 TECHNICAL SKILLS

Frontend:	Angular, React, TypeScript, JavaScript, HTML/CSS, responsive design
Backend:	Java, Spring Boot, Node.js, Express.js, Laravel, REST APIs
Data:	PostgreSQL, MongoDB, MySQL, SQLite, SQL
Quality:	JUnit, Mockito, Postman, Swagger / OpenAPI
Delivery:	Docker, GitHub Actions, Maven, Git / GitHub
Core skills:	Clean Code, OOP, UI/REST API integration, responsive design, Git workflows, Agile/Scrum, testing, technical documentation, teamwork

05 SELECTED PROJECTS

Interlance | Spring Boot · Angular · React Native · MongoDB · Docker

- Contributed to the Spring Boot backend and recruitment workflows of a multi-role web/mobile platform.
- Validated APIs and collaborated on integration with Angular and React Native clients.

SmartSim Analytics | React · TypeScript · Express · MongoDB · Python · Docker

- Connected an analytics interface to an Express API and Python services to produce KPIs, anomalies, and reports.

06 CERTIFICATIONS & ENGAGEMENTS

Certifications: