

Safa Hamdi

Computer Engineering Student | Full-Stack & AI Developer | Seeking PFE Internship

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Summary

Computer Engineering student at ESPRIT with experience in Full-Stack Development and AI using Spring Boot, Angular, Python, and MySQL. Seeking a PFE internship in Software Engineering, Full-Stack Development, or AI.

Technical Skills

Programming Languages C, Java, Python, PHP	Backend Spring Boot, FastAPI, Symfony, REST APIs	Frontend Angular, HTML, CSS, JavaScript, Twig
AI & Machine Learning NLP, Semantic Similarity, Sentence Transformers, LLM Integration, Machine Learning	Databases MySQL, Oracle	DevOps & Cloud Git, GitHub, Docker, GitHub Actions, Azure, CI/CD
Security Spring Security, JWT, Authentication, Authorization, RBAC		

Professional Experience

07/2026 – 08/2026	PCP-Consulting, HireVision AI — Full-Stack & AI Developer Intern Tunisia / Remote - Developed an intelligent recruitment platform using Angular, Spring Boot, FastAPI and MySQL, including authentication and CV management. - Implemented AI-powered CV analysis and CV/job matching using sentence-transformers, semantic embeddings and cosine similarity. - Integrated LLM features via Groq API for CV analysis, personalized interview questions and feedback; implemented voice/video analysis with OpenCV. - Dockerized services and implemented CI/CD with GitHub Actions/Docker Hub, with deployment on Azure Container Apps, and performed unit/integration testing. Technologies: Angular, Spring Boot, FastAPI, Python, MySQL, LLM, Sentence Transformers, OpenCV, Docker, GitHub Actions, Azure.
07/2025 – 08/2025 Remote	Designet Web Agency, Full Stack Developer Intern Developed a full-stack e-commerce web application for food products using Spring Boot and Angular. Designed and implemented RESTful APIs for product and order management. Handled full database integration using MySQL for persistent data storage and query optimization. Implemented authentication and role-based access control. Technologies: Spring Boot, Angular, MySQL, REST APIs, Spring Security, Git

Projects

01/2026 – 05/2026	StreetLeague – Full-Stack Sports Platform Academic Project – ESPRIT, Academic Project – ESPRIT Developed a full-stack web application for managing amateur sports communities. Implemented team management with roles, statistics, and join requests. Built match management system with scheduling, live scores, and ELO ranking. Developed training session module with calendar integration and participation tracking. Designed an AI-based recommendation system for optimal field assignment. Configured and maintained CI/CD pipelines on Azure for automated build, testing, and deployment. Technologies: Spring Boot, Angular, MySQL, Spring Security, GitHub, Azure, CI/CD pipelines (DevOps)
10/2025 – 12/2025	EcoMarket Web Application (Symfony) - Developed an e-commerce web application using Symfony and MySQL - Implemented authentication and role-based access control - Created CRUD operations for products, orders, and categories - Designed responsive UI with Twig templates Technologies: Symfony, PHP, MySQL, Twig, Git
03/2025 – 05/2025	Event Planning Application Developed a desktop application using Java and JavaFX with 2 core modules: user account management, and product/stock tracking for real-time inventory control. Technologies: Java, JavaFX

Education

2024 – Present	Computer Engineering Cycle, Private Higher School of Engineering and Technology (Esprit)
2022 – 2024	Math-Physics Preparatory Program, Preparatory Institute for Engineering Studies of Gafsa(IPEIG)
2022	Mathematics Baccalaureate, Okba Ibn Nafaa Institute In Kairouan

Language:

Arabic Fluent	English Intermediate	French Intermediate
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