



Sarra Bousnina

3rd year AI Software Engineering Student

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📁 KEYWORDS

#SoftwareEngineering #AI #LearningOpportunity #Coding #Creativity #EffectiveCommunication

🎓 EDUCATION

Software Engineering 2023 – present
ESPRIT (The Private Higher School of Engineering and Technology)

Pre-Engineering Studies- Mathematics and Physics 2021 – 2023
IPEIN (Preparatory Institute for Engineering Studies of Nabeul)

💼 PROFESSIONAL EXPERIENCE

AI Software Engineering (mahd.group) 07/2025 – 08/2025
Interned at Mahd.Group ✉, developing **CorrectMeAI**, an AI-powered web app for automated exam correction.

Software Engineering Internship (CTAMA Insurance) ✉ 07/2024 – 08/2024
MyCTAMA Insurance App – Mobile app (C#, XAML, .NET MAUI) for news, quotes, claims, and agency locations in Tunisia.

📁 ACADEMIC & PERSONAL PROJECTS

InspireAI 09/2025 – 10/2025
AI-Powered Content Studio (React, FastAPI, PostgreSQL, Groq, OpenRouter, JWT) Built a SaaS platform to generate AI-driven social media posts, Image analysis, personalized chatbot, and JWT authentication and ReAct Agent.

Web app for automated exam correction - CorrectMeAI 07/2025 – 08/2025
Developed a full-stack app (React.js, Flask, MongoDB) that integrates OCR with LLM to grade scanned exams and provide detailed feedback, and implemented a RAG + ReAct chatbot for interactive queries with memory.

Code + Cure Ai Hackathon - 1st Prize 06/2025 – 06/2025
Won 1st place at the IEEE INSAT Hackathon for “Hack for Drug Discovery,” developing **Your Lab Twin AI**, a platform that unifies automated drug discovery steps using agentic AI to accelerate research.

Time management and productivity Web App - TimeForge 01/2025 – 06/2025
1st Prize, Bal des Projets 2025 (Software Engineering) Collaborated with a team of five to build a modular app (Spring Boot, Angular, Python, MySQL) featuring screen-time analytics, distraction detection, mood analysis with DeepFace, and NLP-driven personalized advice.

ManagerApp

Built a Spring Boot + Angular desktop application with CRUD operations and advanced search for efficient employee lookup.

SKILLS

Soft Skills

Communication, Teamwork, Leadership, Problem Solving, Adaptability, Creativity

Frameworks & Libraries

Spring Boot, Angular,React JS, Symfony, .NET

Databases

MySQL , MongoDB , PostgreSQL

Languages

Arabic, English, Frensh, Spanish

Programming languages

Python, Java, JavaScript, TypeScript, C, php, HTML, CSS

Tools & Platforms

Git/GitHub, Docker,Power BI,FlutterFlow,Linux




Generative AI

Agentic AI, API Integrations(groq , ollama , openrouter), Prompt Engineering, Context Engineering, RAG, Vector Databases

AI Frameworks

FastAPI, Flask, LangChain

CERTIFICATES

Building AI Agents with Multimodal Models - NVIDIA	06/2025
Building LLM App with Prompt Engineering - NVIDIA	06/2025
Fundamentals of Deep Learning - NVIDIA 	03/2025
The Git & Github BootCamp - Udemy 	11/2024
Supervised Machine Learning: Regression and Classification 	03/2024

ORGANISATIONS

DeepFlow - AI Club at ESPRIT Mentor	09/2024 – present
Guided participants in ML workshops, resolving technical issues and providing hands-on model support.	
DeepFlow - AI Club at ESPRIT Member	09/2023 – 09/2024
• Assisted in machine learning and deep learning workshops.	
IEEE - Student Branch at ESPRIT Member	09/2023 – 06/2024
• Assisted in different programming related workshops.	
Robo'pein Finance Member	10/2021 – 09/2022
• Managed club budgets, tracked income and expenses, and prepared financial reports.	

INTERESTS

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|------------------------------|---------------------|
| • Coding | • AI/DL |
| • Logistics & Event Planning | • Arts & Creativity |