Sarra Bousnina

2nd year 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)

Baccalaureate in Mathematics - With Honors   2020 – 2021
Pioneer High School of Hammam-Lif

💼 PROFESSIONAL EXPERIENCE

Software Engineering Internship   07/2024 – 08/2024
CTAMA Insurance 🔗
Built a MyCTAMA Insurance mobile app using **C#, XAML, and .NET MAUI** to display news, handle quote requests, process claims, and locate agencies in Tunisia.

📁 PROJECTS

Time management and productivity Web App - TimeForge   01/2025 – 06/2025
- **Won 1st Prize (Software Engineering section) at the 12ème édition des *Bal des Projets* 2025.** 🏆
- Collaborated with a team of 5 to develop an AI-powered productivity tracking app.
- Built a modular architecture using **Spring Boot** (backend), **Angular** (frontend), **Python** (AI/NLP), and **MySQL.**
- Implemented features like screen time analytics, distraction detection, mood analysis with **DeepFace**, and NLP-driven personalized advice.

ManagerApp
- Developed a desktop application for managing employee records (CRUD) using **Spring Boot** and **Angular.**
- Implemented advanced search functionality for efficient employee lookup.
- Delivered AI-driven recommendations to prevent employee overwork and boost productivity with **Ollama.**

University management - University
- Built a university management system with 3 teammates using **Symfony (PHP)** and **MySQL.**
- Developed the **club management module** covering events, trainings, and book sharing.
- Implemented structured **CRUD operations** and designed a normalized relational database.

🧠 SKILLS

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

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

Frameworks & Libraries
Spring Boot, Angular, Symfony, .NET

Tools & Platforms
Git/GitHub, Docker,FlutterFlow,Linux

Databases
MySQL

AI/ML tools
TensorFlow, PyTorch, NLP libraries, Ollama

📑 CERTIFICATES

Fundamentals of Deep Learning - NVIDIA 🔗   03/2025

Scrum Fundamentals Certified - SCRUMstudy 🔗   12/2024

The Git & Github BootCamp - Udemy 🔗   11/2024

Supervised Machine Learning: Regression and Classification 🔗   03/2024

Introduction to Front-End Development - Coursera 🔗   04/2024

🏠 ORGANISATIONS

DeepFlow - AI Club at ESPRIT   09/2024 – present
Mentor
• Guided participants through machine learning and deep learning workshops.
• Resolved technical issues and answered session-related questions.
• Provided hands-on support and model troubleshooting.

DeepFlow - AI Club at ESPRIT   09/2023 – 09/2024
Member
• Assisted in machine learning and deep learning workshops.

IEEE - Student Branch at ESPRIT   09/2023 – 06/2024
Member
• Assisted in different programming related workshops.

Robo'pein   10/2021 – 09/2022
Finance Member
• Managed club budgets, tracked income and expenses, and prepared financial reports.

🌐 LANGUAGES

English	● ● ● ● ○
French	● ● ● ● ○
Arabic	● ● ● ● ●
Spanish	● ○ ○ ○ ○

🎻 INTERESTS

• Coding
• AI/ML
• Logistics & Event Planning
• Arts & Creativity