

EYA AHMADI

Software Developer / AI & Data Science Enthusiast

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LinkedIn

Portfolio

Tunis, Tunisia

Nationality: Tunisian | Date of Birth: 01/01/2004

PROFESSIONAL SUMMARY

Software Engineering graduate with expertise in Artificial Intelligence, Data Science, and Prompt Engineering. Strong background in software development, information systems design, and AI-powered applications. Demonstrated experience in full-stack development, machine learning implementation, and technical project management in dynamic environments.

TECHNICAL SKILLS

- Programming Languages:** Python, Java, JavaScript, C, Dart, Flex
- AI & Machine Learning:** PyTorch, TensorFlow, Keras, Scikit-learn
- Web Technologies:** HTML, CSS, XML, FastAPI
- Mobile Development:** Flutter, Android Studio
- Development Tools:** Git, Docker, Anaconda
- Methodologies:** Agile Scrum, 2TUP, CRISP-DM
- Design & Architecture:** UML, MVC, 3-Tier Architecture
- UI/UX Design:** Figma, Photoshop, Illustrator, Canva
- Operating Systems:** Windows, Ubuntu, Kali Linux
- Databases:** MySQL, Oracle, Firebase, PostgreSQL

EDUCATION

Bachelor's Degree in Computer Science—Software Engineering and Information Systems

Sep 2022 – Jun 2025

Higher Institute of Computer Science and Mathematics of Monastir

Monastir, Tunisia

Baccalaureate in Experimental Sciences

Sep 2021 – Jun 2022

Avicenne Private School

Gafsa, Tunisia

PROFESSIONAL EXPERIENCE

Manager Partner Software (MpSoft)

Aug 2024

Summer Intern – AI System for System Log Analysis

Les berges du lac, Tunisia

- Conducted needs analysis and defined functional specifications for AI system analyzing maintenance logs for preventive maintenance.
- Designed architecture and prepared technical environment for automated error detection module from log files.
- Developed conceptual prototype and detailed plan for automated anomaly reporting system.

Gafsa Phosphate Company

Jun 2024

Summer Intern – Desktop Application Development

Gafsa, Tunisia

- Designed and developed desktop application for Human Resources data management.
- Developed modules for automated calculation of HR statistical variances.

KEY PROJECTS

Final Year Project: Intelligent Solution for Agriculture and Plant Health

Feb 2025 – Jun 2025

Multilingual Mobile App (FR/EN/AR) with AI Agent for Plant Identification and Health Diagnosis

- Developing custom-trained MobileNetV2 Deep Learning model for plant identification and health prediction from images.
- Integrating generative AI for personalized care recommendations based on weather data and plant condition.
- Tech Stack: Flutter (frontend), FastAPI (backend), Firebase (authentication & real-time messaging).

Personal Portfolio Website

Jul 2025

Responsive Web Development with Modern UI/UX

- Designed and developed responsive portfolio showcasing projects and technical skills.
- Implemented interactive elements and optimized performance - eyaahmadi.netlify.app.

Federated Project: University Club Management Platform

Feb 2024 – Apr 2024

Web Platform for Club Administration with Member, Event, and Resource Management

- Implemented Agile Scrum methodology with focus on UX optimization and system scalability.
- Developed comprehensive platform ensuring long-term sustainability and performance.

LEADERSHIP & COMMUNITY EXPERIENCE

Community Manager

2023 – 2024

Binary Beats Club, ISIMM

Monastir, Tunisia

- Managed online community engagement, content creation, and social media management.
- Organized virtual events to strengthen member engagement and foster community interaction.

Media Program Supervisor

2023 – 2024

Elite Council

Remote

- Planned media content and communication strategies across multiple digital channels.

CORE COMPETENCIES

Technical Writing: LaTeX document preparation and technical report design. **Problem Solving:** Analytical mindset with complex problem-solving abilities. **Adaptability:** Quick adaptation to new environments and challenges. **Initiative:** Strong autonomy and proactive approach.

LANGUAGES

Arabic: Native

English: Professional Proficiency

French: Professional Proficiency