Adem Mami *Software Engineer*

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⭘ github.com/AdemMami123   🔗 Portfolio

Professional Experience

B2M-IT, Software Engineering Intern   2024/07 – 2024/08 | Hammamet,Nabeul
Developed an Image-to-Text Conversion Application
- Developed a high-accuracy AI model in Python for text extraction from images, with optimized performance through advanced data preprocessing
- Built a user-friendly interface with AngularJS, integrated with a Flask backend for seamless real-time text conversion and efficient data flow
- Achieved a balance between speed and accuracy, enhancing usability for real-time text extraction tasks

Technologies used: HTML5 • CSS • AngularJS • Python • Flask • PyTorch • TensorFlow

SOTIPAPIER ,Final Year Project   2023/02 – 2023/06 | Grombalia,Nabeul
- Automated a crane to enable wireless control via a remote, integrating an HMI interface.
- Created a new electrical cabinet.
- Conducted programming with TIA Portal

Technologies used: TIA Portal • HMI • Automation

Education

Engineer's Degree in Software programming   2023 – present | Nabeul, Tunisia
IT Business School Nabeul (Expected year of graduation: 2026) ⊡

Bachelor's degree in electrical Engineering   2020 – 2023 | Nabeul, Tunisia
Higher Institute of Technological Studies ⊡

Projects

Task Management Application
- Developed a task management application with CRUD functionalities, task archiving, and a daily habit tracking feature to visualize performance
- Implemented a task agenda for enhanced organization and provided interactive statistics on task completion and habit tracking

Technologies used: MongoDB • Express.js • Angular • Node.js and Bootstrap

Budget Management Application
- Implemented CRUD functionalities, allowing users to create, view, update, or delete budgets and categories
- Integrated automatic budget total calculations and an intuitive user interface

Technologies used: React • JavaScript• Firebase and Bootstrap

Skills

Strengths: Communication • Problem Solving • Decision Making • Adaptability • Team Work

Frontend Development:: HTML • CSS • JavaScript • Angular • React • NextJs • Tailwind CSS

Backend Development: Node.js • Express.js • Flask

DataBase: MongoDB • SQL • Firebase

CI/CD, Tools & Platforms: Git • GitHub • Docker • Kubernetes • AWS • VMware • Postman • Jira

Certificates

- Getting Started with Deep Learning ⊡
- AWS Academy Machine Learning Foundations ⊡
- Database programming with SQL Cumulative
- PCAP: Programming essentials in Python

Languages

- Arabic :Native
- French :Fluent
- English :Fluent