

Hammed Amen Allah

Zaghouan, Tunis | hammedamenallah1@gmail.com | 92 852 350 | linkedin.com/in/hammed-amen-allah
github.com/AmenallahHammed

Education

University of Monastir, BS in Computer Science Sept 2023 – June 2026
• **Relevant Coursework:** OOP, Data Structures, Algorithms, Software Engineering, Web Development, SOA Architecture

Slimen Ben Slimen High School, Baccalaureate in Computer Science with Honors Sept 2019 – June 2023

Projects

Resonance - Job Matching Platform (work in progress) GitHub

- Designed microservices platform with 6 independent services and API Gateway connecting freelancers with companies
- Built polyglot services: Auth (Spring Boot), Jobs (Node.js), Contract (Java SOAP), Billing (.NET SOAP), AI Matching (Python/FastAPI)
- Implemented JWT authentication, RESTful and SOAP APIs, Angular frontend, and Docker containerization
- **Tech:** Spring Boot, Node.js, .NET Core, Python/FastAPI, Angular, PostgreSQL, Docker

Arabic Handwritten Digit Recognition System GitHub

- Developed multi-model ML system with 6 algorithms: KNN, SVM, Decision Tree, Random Forest, Logistic Regression, Neural Network
- Built interactive web app using Gradio with upload, webcam, and drawing canvas for real-time predictions
- Implemented preprocessing pipeline with adaptive color inversion, normalization, and 28×28 grayscale conversion
- Created comparative framework displaying simultaneous predictions from all models
- **Tech:** Python, PyTorch, Scikit-learn, OpenCV, Gradio

Kahdemni - ATS-Friendly CV Creator GitHub

- Developed web application for creating ATS-friendly CVs with grading functionality
- Collaborated on UI/UX design with Figma and implemented backend with Supabase
- **Tech:** Angular, Supabase, TypeScript, Figma

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, C#, C++, C, SQL

Backend: Spring Boot, Node.js/Express, .NET Core, FastAPI

Frontend: Angular, HTML5, CSS3, Bootstrap, TypeScript

ML/AI: ML Fundamentals(supervised/unsupervised ..), Skit-Learn, Pandas, Learning Algorithemes(knn,svm ..)

Tools: Docker, Git/GitHub, PostgreSQL, REST, SOAP

Soft Skills

Languages: Arabic (Native), English (Advanced), French (Intermediate)

Methodologies: Scrum, Agile

Tools & Collaboration: Notion, Slack, Trello