

Mohamed Taha Loghmari

95547046 | medtahalog@gmail.com | [linkedin.com/in/Taha](https://www.linkedin.com/in/Taha) | github.com/Taha | tahaloghmari.vercel.app

EDUCATION

Higher Institute of Applied Science and Technology of Sousse

Bachelor of Science in Computer Science

Tunisia, Sousse

Dec 2023 – May 2026

Lycee Ibnou Sina M'saken

High School Diploma, Graduated with highest honors earning 17,16/20

Tunisia, Sousse

Sep 2019 – June 2023

EXPERIENCE

Full Stack Engineer Intern

Arisaka

July 2025 - Aug 2025

Tunisia, Sousse

- Engineered a full-stack Retrieval-Augmented Generation (RAG) system to answer HR queries using internal documents. The system was built with FastAPI, used pgvector for semantic search of document embeddings, and integrated Mistral 7B LLM to generate responses.
- Developed comprehensive HR modules by building secure RESTful APIs with Django REST Framework for features like leave management, company profiles, and department CRUD operations.
- Architected and implemented robust backend infrastructure, including a real-time notification system using Django Channels and WebSockets, and a decoupled document staging pipeline with FastAPI and Supabase Storage for asynchronous processing.
- Translated Figma designs into dynamic and responsive frontend applications using Angular, Nebular UI library and Tailwind CSS. Key projects included a multi-step user onboarding flow and a chat interface featuring simulated LLM responses with typing animations.

PROJECTS

SmartPly | ASP.NET Core, React (TypeScript), Azure, PostgreSQL, Supabase

June 2025 – Sep 2025

- Developed a modern AI job application tracker with ASP.NET Core RESTful API and a React (TypeScript) frontend for a seamless user experience.
- Integrated AI + Gmail API to automatically detect recruiter replies, interview invites, and rejections, updating application statuses in real time.
- Implemented secure authentication with ASP.NET Identity, JWT + refresh tokens in HTTP-only cookies, Google OAuth login/signup, and account linking.
- Designed a real-time notification system using SignalR for instant updates on emails, status changes, and interviews.
- Applied backend best practices: input validation, error handling with ProblemDetails, caching, pagination, structured logging, health checks, and Swagger documentation.
- Deployed a Dockerized application with CI/CD pipelines via GitHub Actions, hosting frontend on Vercel and backend on Azure Container Apps and ACR.
- Built and optimized a PostgreSQL database with schema design for job applications, resumes, and cover letters; used Supabase for file storage.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#, C++, SQL (PostgreSQL), HTML/CSS, Python

Frameworks: React, Angular, Node.js (Express), ASP.NET Core, Django, Tailwind CSS

Developer Tools: Git, VS Code, Visual Studio, Postman

Others: Jest, xUnit, REST APIs, JWT