

Mahrez Ourabi

Full-Stack Software Engineer

Weimar, Germany | +49 1777967266 | mahreez.ourabi@gmail.com
mahrezourabi.me | linkedin.com/in/mahrez-ourabi
github.com/Mahrez-Ourabi



Professional Summary

Software engineer focused on building scalable web applications, backend systems, and AI-enabled products across the full development lifecycle. Hands-on experience with TypeScript, Next.js, React, Spring Boot, NestJS, PostgreSQL, REST APIs, Docker, and GitHub Actions, with a strong focus on clean architecture, secure integrations, and reliable software delivery.

Core Technical Skills

Languages: TypeScript, JavaScript, Python, Java, PHP, SQL
Frontend: Next.js, React, Angular, Tailwind CSS, HTML5, CSS3, Flutter
Backend & APIs: Spring Boot, NestJS, Node.js, Laravel, Express, REST APIs, OpenAPI, JWT
Data: PostgreSQL, MySQL, MongoDB, Oracle SQL, SQL
Cloud & DevOps: Docker, GitHub Actions, AWS, CI/CD, Git, Linux

Professional Experience

Software Engineer – Final Year Internship (PFE) Jan. 2025–Jul. 2025
Audaxis Maghreb Tunisia

- Designed and built **Hire-Tech**, an enterprise AI-powered recruitment platform for CV parsing, candidate evaluation, and semantic job matching.
- Developed the platform using **Next.js, Spring Boot, Python/FastAPI, PostgreSQL, Keycloak, Docker, and Ollama**, integrating frontend, backend, AI, authentication, and infrastructure.
- Delivered **31 user stories across 3 releases and 12 Agile sprints**, with automated CI/CD through GitHub Actions.
- Achieved **87% CV parsing accuracy, 78% matching precision**, and API response times below **150ms**.

Freelance Full-Stack Developer Mar. 2025–Apr. 2025
Private B2B Eyewear Platform Remote

- Architected and developed a secure invitation-only B2B portal using **Next.js, TypeScript, Laravel, MySQL, and Docker**.
- Implemented multi-step email verification and administrator-approval workflows with secure authentication.
- Defined OpenAPI contracts and generated typed TypeScript clients, reducing API contract bugs by **85%**.
- Implemented GitHub Actions CI/CD and cloud deployment with build-to-deploy times below **10 minutes** and sub-**200ms** TTFB.

Co-Founder & Full-Stack Developer Jul. 2024–Jan. 2025
Kdayes Tunisia

- Co-founded a SaaS platform designed to simplify invoicing, compliance, and payment workflows for Tunisian freelancers.
- Led product development and implemented core functionality using **Next.js, NestJS, TypeScript, Tailwind CSS, and JWT**.
- Combined technical implementation with product planning and team coordination throughout the product lifecycle.

Software Engineering Intern Jul. 2024–Aug. 2024
Code Cooperation Remote

- Developed full-stack applications using **Next.js, NestJS, TypeScript**, and modern DevOps practices.
- Worked with production-oriented application architecture and contributed to startup launch infrastructure.

Selected Project

Palm Tree AI – Disease Detection Mobile App 2024
Tek-up University Ariana, Tunisia

- Built a Flutter mobile application integrating an EfficientNet CNN model using PyTorch and FastAI for real-time palm tree disease detection.
- Achieved **92% classification accuracy** and integrated inference with a NestJS backend and MongoDB.

Education

Engineering Degree in Computer Science Sep. 2022–Nov. 2025
Tek-up University Ariana, Tunisia

- Specialization in Software Engineering. Degree awarded November 20, 2025. Final Year Project: Hire-Tech AI Recruitment Platform at Audaxis Maghreb.

Bachelor's Diploma in Computer Science Applied to Management 2019–Aug. 2022
Faculty of Economics & Management Sciences Nabeul, Tunisia

- Specialization in Business Intelligence.

Languages

Arabic (Native) | English (Fluent) | French (Fluent) | German (Basic)