

Mohamed Amin Gadhgadhi

Software Engineering Student

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GitHub — Portfolio — LinkedIn

PROFESSIONAL SUMMARY

Full-stack developer & AI specialist with 3+ years of hands-on experience in building intelligent systems, scalable architectures, and production-grade applications. Expert in implementing AI-powered features (OCR, semantic analysis, LLM integration), DevOps automation, and cloud-native solutions. Proven track record delivering high-impact projects with 99% uptime and 40% efficiency gains through AI integration.

TECHNICAL SKILLS

Languages: C, Java, JavaScript, Python, Bash, HTML, CSS, PHP

Frameworks: Spring Boot, Angular, .NET, Symfony, Flask, Django, FastAPI, Next.js, Flutterflow

DevOps: Docker, Kubernetes, Firebase, Jenkins, Git

Tools: RESTful APIs, Ollama, AI tools, Stripe, MCP

Database: MySQL, MongoDB, PostgreSQL

CERTIFICATIONS

AWS Cloud Foundations — NVIDIA Fundamentals of Deep Learning — Hashgraph Developer Course

PROJECTS

TuniHire – AI-Powered Job Matching — 'Tinder-style' AI platform with Gemini AI resume matching, automated cover letters, real-time chat. Next.js, FastAPI, Gemini AI, WebSocket

Payment Platform — Stripe integration, live dashboards, responsive frontend. Next.js, FastAPI, Stripe, React

QMS Automation Platform — OCR-powered non-conformity detection, smart search, automated analysis. Angular, Spring Boot, MongoDB, Ollama

E-Learning Platform — Live video streaming, course management, real-time analytics. Angular, Spring Boot, REST APIs, MySQL

EXPERIENCE

Full Stack Developer Intern – NavinspireAI

Jun 2025 – Oct 2025

Tunis, Tunisia

- Architected high-performance Flutter mobile app with seamless multi-gateway payment orchestration and MCP AI agent integration
- Developed responsive Next.js frontend with live dashboards, real-time personalization engine, and Stripe payment processing
- Designed RESTful APIs with FastAPI for robust backend infrastructure and system automation

AI & Full-Stack Developer Intern – Coconsult

Jan 2025 – Jun 2025

Paris, France (Remote)

- Engineered ISO 9001:2015-compliant QMS platform automating complex quality workflows with AI-powered OCR and semantic analysis
- Developed intelligent non-conformity detection system and automated audit compliance with 99% uptime and zero breaches
- Built automated reporting and notification systems improving compliance tracking and operational efficiency

Full Stack Developer Intern – Sumitomo Electric Bordnetze

Jun 2024 – Sep 2024

Jendouba, Tunisia

- Developed scalable e-learning platform with real-time academic tracking, gamified learning modules, and performance analytics
- Integrated live video streaming and third-party APIs for seamless content management and user engagement
- Created responsive UI components aligned with brand guidelines for intuitive user experience

EDUCATION

Engineering Studies – Computer Science

Private Higher School of Engineering And Technology (ESPRIT), Tunis, Ariana

2022 – Present

Preparatory Cycle For Engineering Studies

Preparatory Institute For Engineering Studies of Nabeul, Nabeul, Tunisia

2020 – 2022

LANGUAGES

English — B2 (Upper Intermediate) — French — B2 (Upper Intermediate) — Arabic — Native