

GUESMI MALEK

Software Engineer | Full Stack · AI · Cloud & DevOps

+216 27 680 858 | guesmimelek928@gmail.com | LinkedIn : [melek-guesmi-b971b61bb/](#) | GitHub : [github.com/TheMaliik](#) | Portfolio : [guesmimelek.netlify.app](#)

PROFILE

Computer Engineer specialized in Full Stack development, AI integration, and DevOps practices. Proven experience on production projects covering web architecture, ERP systems, and machine learning pipelines. Immediately available for a Software Engineer position.

SKILLS

- Languages et Frameworks:** JavaScript, Java, Python, .NET, React, Angular, Next.js, Node.js, Express, Spring Boot, FastAPI
- Databases:** MySQL, MongoDB, PostgreSQL
- DevOps & CI/CD:** Docker, Jenkins, Prometheus, Grafana, SonarQube, Nexus, Microsoft Azure
- Tools & Methodologies:** Git, GitHub, Agile / Scrum
- Artificial Intelligence:** Machine Learning, NLP, TensorFlow, PyTorch

PROFESSIONAL EXPERIENCE

- Full Stack & AI Engineer – Final-Year Project Internship** | **MOBELITE**, Tunis, Tunisia February 2026 – July 2026
Next.js · Node.js · Express · FastAPI · Python · CI/CD · NLP · PostgreSQL · Google APIs · Microsoft Azure
- Automated SEO monitoring by centralizing GA4 and GSC data into a multi-site SaaS platform.
 - Automated anomaly detection, traffic forecasting, and SEO recommendations using AI, enabling proactive optimization.
- Full Stack Developer** | **DIAME**, Tunis, Tunisia October 2025 – January 2026
Next.js · ASP.NET Core · SQL Server
- Centralized 45+ KPIs into a real-time dashboard, improving visibility across the product lifecycle.
 - Enabled multi-team access to operational data, supporting faster data-driven decisions.
- Software Engineer – Web & ERP Solutions – Internship** | **DIAME**, Tunis, Tunisia June 2025 – August 2025
MERN (MongoDB, Express.js, React, Node.js), NextJS, Docker, Python
- Reduced web portal loading time to 2 seconds through a complete frontend and UX/UI redesign.
 - Delivered a 3-module multi-user ERP, from development to production deployment.
- Web Developer – Internship** | **DIAME**, Tunis, Tunisia June 2024 – August 2024
MERN (MongoDB, Express.js, React, Node.js), Docker
- Reduced industrial study time from 1+ month to a few days by digitizing the end-to-end workflow.
 - Reduced calculation time from several days to < 1 second through automated diagnosis and pre-sizing.
- Web Developer – Final-Year Internship** | **DIAME**, Tunis, Tunisia February 2023 – June 2023
MERN (MongoDB, Express.js, React, Node.js)
- Developed and delivered a complete service-management web application, from analysis to implementation.

ACADEMIC PROJECTS

- MindScribe – Intelligent Personal Journal** | [MindScribe](#) September – November 2025
Django, Python, MongoDB, OpenAI API, IA (Analyse émotionnelle), NLTK, Pillow
- Emotion analysis, personalized recommendations, and an analytics dashboard.
 - Full platform deployment.
- RecruitPro – Intelligent Recruitment Platform** | [Recruit-Pro](#) February – May 2025
React.js, Node.js, MongoDB, TensorFlow, Cloudinary, Google APIs, Python
- User, job posting, application, and automated CV analysis management.
 - Integrated Google Calendar/Meet and CI/CD, streamlining interview scheduling and deployment.
- CI/CD Automation with Jenkins** | [Link](#) February – May 2025
Jenkins, Docker, SonarQube, Nexus, Prometheus, Grafana, Mockito, JUnit, Maven
- Automated build, testing, code quality, and Docker deployment through a CI/CD pipeline.
 - Implemented real-time monitoring with Prometheus and Grafana.
- UniHub – University Platform Based on Microservices Architecture** | [Link](#) February – May 2025
Spring Boot, Eureka, API Gateway, Docker, Docker Compose, Docker Hub
- Built a modular microservices architecture with centralized API Gateway and service discovery.
 - Containerized the platform with Docker, enabling consistent deployment across environments.

EDUCATION

- National Engineering Degree in Computer Science**, Tunis, Tunisia. September 2023 – September 2026
Higher Private School of Engineering and Technology (ESPRIT).
- Bachelor's Degree in Management Informatics (Business Intelligence)**, Mahdia, Tunisia. September 2020 – June 2023
Higher Institute of Computer Science of Mahdia (ISIMA)

CERTIFICATIONS

- Graph Developer – Associate | *Apollo GraphQL* - April 2025
- Attendance Hashgraph Developer | *The Hashgraph Association* - October 2025
- AWS Academy Graduate – *AWS Academy Cloud Foundations* - November 2025
- Claude 101 | Anthropic – March 2026
- Claude Code in Action | Anthropic – March 2026

LANGUAGES

English: B2 | **Frensh:** B2 | **Arabic:** Native

INTERESTS

Fitness | Athletics