

# Mohamed Aziz Grami

Ingénieur Logiciel Full-Stack

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 Portfolio

## PROFILE

Junior Full-Stack Software Engineer with hands-on experience in ERP/CRM platforms, workflow automation, and KPI-driven systems. Delivered production-grade solutions using Spring Boot, .NET, Angular, and Next.js, with measurable business impact. Strong interest in scalable backend systems, process optimization and AI-based solutions.

## INTERNSHIPS

### Full-Stack Developer – Final Year Project

February 2025 – July 2025 (6 months)

INETUM Tunisia

Tunis, Tunisia

- Owned the end-to-end development of an incident management platform integrated with **Microsoft Dynamics CRM**, from requirements analysis and architecture design to implementation and delivery.
- Designed the system architecture and data model, and implemented automated workflows, **SLA alerts**, and multi-level escalation processes.
- Developed **Power BI** dashboards for real-time KPI monitoring and implemented ETL logic for CRM data analysis.
- Impact:** reduced incident resolution time by 30% through workflow automation and KPI-driven monitoring.

**Technologies:** Next.js, .NET, Microsoft Dynamics CRM, Power BI

### Full-Stack Developer & Tester – 2<sup>nd</sup> Year Internship

July 2024 – August 2024 (2 months)

Ukla Software

Tunis, Tunisia

- Developed backend and frontend features enabling users to create and manage detailed content creator recipes within a production application.
- Improved backend code quality and deployment stability by implementing automated tests and integrating them into the continuous integration pipeline.
- Achieved 85% unit test coverage on backend services using **JUnit** and **Mockito**, leading to early detection and resolution of critical bugs.

**Technologies:** Spring Boot, Angular, NgRx, JUnit, Mockito, Jira

### Full-Stack Developer – 1<sup>st</sup> Year Internship

July 2023 – August 2023 (2 months)

ESPRIT

Tunis, Tunisia

- Designed and implemented a web platform for managing internship and job offers, including offer publication, application tracking, and user role management.
- Developed reusable frontend components and REST APIs, contributing to a responsive and maintainable application.

**Technologies:** Spring Boot, Angular, NgRx, Bootstrap, Angular Material

## ACADEMIC PROJECTS

### ERP Platform “CoConsult”

7 months

- Design and development of a custom **ERP system** tailored for **SMEs**.
- Implementation of a complete **DevOps pipeline** including **CI/CD** automation, code quality monitoring, containerization, and system supervision.

**Technologies:** Angular, NgRx, Spring Boot, Jenkins, SonarQube, Nexus, Docker, Grafana

### Sports Booking Application “XperienceZone”

6 months

- Design and development of a **Web and Desktop** application dedicated to organizing, booking, and publishing sports activities.

**Technologies:** Symfony, JavaFX, Scene Builder, Ubuntu

#### Airport Management Application

2 months

- Design and development of an airport operations management application (flight schedules, passenger information, staff coordination), including **real-time flight status updates**.

**Technologies:** .NET

### FREELANCE PROJECTS

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#### E-commerce Platform "Dasy"

Active project

- Design and development of a custom e-commerce platform for the Dasy clothing brand, including product management and online sales.

**Technologies:** Spring Boot, Next.js, PostgreSQL

#### Official Website of the French Company "F2K"

3 months

- Design and development of the official website of the French company F2K, with a strong focus on **brand identity, offer presentation, and search engine optimization (SEO)**.

**Technologies:** Angular

#### E-commerce Platform "Tsukyomei"

2 months

- Development of an e-commerce website specialized in anime-inspired clothing and accessories.

**Technologies:** PHP, MySQL

### EDUCATION

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#### Software Engineering Degree

2022 – 2025

Private Higher School of Engineering and Technology (ESPRIT)

#### Preparatory Classes in Physics and Technology

2020 – 2022

Preparatory Institute for Engineering Studies of El Manar (IPEIEM)

#### Baccalaureate in Technical Sciences

2016 – 2020

Aïn Mazouz High School, Tabarka

Graduated with Honors (16.95 / 20)

### SKILLS

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**Core Stack:** Java, Spring Boot, Angular, .NET, Next.js, SQL

**Secondary Technologies:** PostgreSQL, React, Symfony, Python, PHP

**DevOps & Tools:** Docker, Jenkins, Git, GitHub, GitLab, SonarQube, Jira, Power BI

**Languages:** Arabic (Native), French (B2), English (B2), Spanish (B1)

### EXTRACURRICULAR ACTIVITIES

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#### ACM Club – ESPRIT

Active member of the ACM programming club, specializing in problem solving and algorithmic challenges.

#### Competitions and Hackathons

Participation in several programming competitions and hackathons, primarily using **Java** and **Python**.