



# Mohammed Aziz Tatar

Junior Software Developer | Full-Stack (Angular & Spring Boot)

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## Summary

Software Engineering student specializing in Full-Stack development with Angular and Spring Boot. Experienced in designing RESTful APIs, backend services, and secure authentication using Keycloak, with hands-on use of Docker and AWS Cloud fundamentals. Built scalable web and AI-assisted applications through academic and internship projects. Actively seeking a software engineering internship to contribute to production-grade systems.

## Education

**ESPRIT – Private Higher School of Engineering and Technology**      **September 2023 - Present**  
Software Engineering

**Higher Institute of Technological Studies of Kef (ISET Kef)**      **2020 - 2023**  
Bachelor's Degree in Mechatronics

## Experience

**Total Security**      **August 2024 - September 2024**  
Laouina, Tunis

- Designed and developed a Django-based equipment and user role management system enabling centralized asset tracking and role-based access control for internal teams.
- Implemented backend logic and REST-style endpoints to manage users, permissions, and equipment data.
- Built a responsive user interface using Bootstrap and JavaScript to improve usability across devices.
- Integrated interactive charts for real-time data visualization to support operational monitoring.
- Collaborated with internal stakeholders to gather requirements and deliver features within internship timelines.

**Technologies:** Python, Django, Bootstrap, JavaScript, Git

**Segula Technologie**

**February 2023 - July 2023**

Lac 2, Tunis

- Used CATIA V5 for 3D modeling and contributed to the design of handling systems for the automotive sector.
- Worked within engineering teams and followed technical design standards and documentation processes.

## Projects

**FocusFlare**

**January 2025 - April 2025**

✉ [Github](#)

- Developed a full-stack web application using **Angular**, **Spring Boot**, and **MongoDB** to manage employees, projects, and productivity data.
- Designed and implemented **RESTful APIs** for core business logic, including employee management and project tracking.
- Implemented real-time data synchronization between frontend and backend components.
- Integrated an external **AI-based recommendation API** to provide project suggestions and personalized productivity insights.
- Structured backend services with modular architecture to support scalability and future feature expansion.

Angular, Spring Boot, MongoDB, REST APIs, AI Integration

**Blood Donation Platform**

**September 2023 - January 2024**

✉ [Github](#)

- Developed a desktop application in **C** using **GTK** to manage blood donation records and medical staff information.

- Implemented data entry, search, and management features to support donation tracking.

- Designed a simple and functional user interface for non-technical users.

C, GTK, Desktop Application Development

**CLUBNET**

**January 2024 - April 2024**

✉ [Github](#)

- Built a web-based club management platform using the **Symfony PHP framework** and **MySQL**.

- Implemented features including event management, reservations, member feedback, and partner programs.

- Designed and managed relational database schemas to support member and event data.

- Developed responsive user interfaces using **HTML5**, **CSS3**, and **JavaScript**.

Symfony, PHP, MySQL, JavaScript, HTML5, CSS3

## Profiles

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linkedin [Mohammed Aziz Tatar](#)

## Skills

### Programming & Backend

Java, Spring Boot, Spring Security, Symfony, RESTful APIs

### Frontend

Angular, JavaScript, HTML5, CSS3, Bootstrap

### Databases

MySQL, PostgreSQL, MongoDB

### Cloud, DevOps & Security

AWS Cloud Fundamentals, AWS Core Services (EC2, S3, IAM, RDS), AWS Architecture (Foundations), AWS Pricing & Support Models, Docker, Git, Linux, Keycloak

### Data & BI

Power BI

### AI & ML

Fundamentals of Deep Learning (NVIDIA DLI)

### Other Tools

CATIA V5, SolidWorks

### Soft Skills

Communication, Teamwork, Problem Solving, Adaptability

## Certifications

### AWS Academy Graduate – Cloud Foundations

Amazon Web Services

2025

### Fundamentals of Deep Learning

NVIDIA DLI

2025

### Building Transformer-Based Natural Language Processing Applications

NVIDIA DLI

2025

### Applications of AI for Anomaly Detection

NVIDIA DLI

2025

### Hashgraph Developer Certification

2025

## Languages

### Arabic

Native

### French

Professional (B2)

### English

Professional (B2)

### German (Deutsch)

Beginner