



# MOHAMED CHAHBANI

Computer Science Student

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## PROFILE

Final-year Software Engineering student, passionate about full-stack development and AI. Specialized in creating high-performance, user-centered applications. Seeking an internship to leverage my skills for innovative projects.

## EDUCATION

**The Higher Institute of Information and Communication Technologies - ISTIC**

2023 - PRESENT

- Bachelor of Science in Computer Science

**Tunisian Baccalaureate – Computer Science**

2022 - 2023

- Final Grade: 16.47/20 (Honors)

## EXPERIENCE

**Internship - Full-Stack Developer Intern | Fertani Innovation Software Development**

JULY 2025

- Developed an intelligent platform for planning technical interventions.
- Automated assignment optimization using the Timefold engine.
- Managed business constraints: skills, geographical distances, and workload.
- Built a comprehensive interface with a dashboard and map visualization.
- Implemented a Spring Boot microservices architecture with a React frontend.
- Established a secure authentication system and multi-role management.
- Reduced travel times and improved overall productivity.
- Delivered a responsive and scalable solution for technical service companies.

**Internship - Full-Stack Developer Intern | Kernel Solutions and Innovation**

JUNE 2024

- Created a stock management system to handle the addition, removal, and rental of equipment.
- Implemented employee management with role-based access controls.
- Developed a web interface using React for efficient operations.
- Designed a mobile application for real-time management.
- Utilized Express.js, Node.js, and MongoDB to build a secure and scalable backend.

## ACADEMIC PROJECTS

**Academic Project - Library Management Application | ISTIC**

MAY 2025

- Designed a book management system with full CRUD operations
- Developed a user management module with access rights
- Implemented Java EE architecture using Servlets and JSP following MVC pattern
- Built a relational SQL database
- Created a responsive Bootstrap interface with ergonomic design

Project - Interactive Quiz System | IEEE ISTIC SB

DECEMBER 2024

- Developed a complete quiz platform with full management capabilities
- Created an analytics dashboard for tracking scores and users
- Built a modern Material-UI interface with responsive design
- Implemented MERN stack backend with microservices architecture
- Established JWT authentication system with role-based access control

Project - AI Cybersecurity Incident Response Automation | IEEE ISTIC SB

DECEMBER 2024

- Developed scalable backend systems using Node.js and Express.js
- Built a React interface for real-time threat monitoring
- Integrated APIs with existing cybersecurity tools
- Implemented machine learning algorithms

CERTIFICATIONS

Fundamentals of Deep Learning - NVIDIA

FEBRUARY 2025

- Certification ID: zri/W0YQRpigG3KltWg9ZA

SKILL

- |                        |                     |
|------------------------|---------------------|
| • Project Management   | • Time Management   |
| • Teamwork             | • Leadership        |
| • Mathematical Mindset | • Logical Reasoning |
| • Creativity           | • Decision Making   |

LANGUAGES

- English (Intermediate)
- Arabic (Native)
- French (Intermediate)
- German (A1 Certified)