

MOHAMED DHIA HASNI

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Education

FACULTY OF SCIENCES OF TUNIS (FST)

Tunis, Tunisia

Bachelor's Degree in Computer Science; Software Engineering & Information Systems

2023 – 2026

Experience

CPG (Compagnie des Phosphates de Gafsa)

Gafsa, Tunisia

Software Engineer Intern

July 2025

- Built a User Management System using Angular for the interface and NestJS + Prisma for the backend.
 - Connected the platform to a MySQL database using HeidiSQL to store and manage employee data securely.
 - Helped design role-based permissions to control what different users could access in the system.
 - Worked with the IT team to fix bugs and add new features requested by HR and other departments.
 - Used HTTPie for quick API checks during development, and Postman for full test suites.
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Projects

Student Club Management Web Platform

Mars 2025

MongoDB • NestJS • React.JS • TypeScript

- Designed and developed a full-stack student club management platform to streamline campus organizations' workflows.
- Engineered the frontend with React.js, creating an intuitive interface for event scheduling and member coordination.
- Built a robust backend using NestJS, implementing RESTful APIs for seamless data handling.
- Managed data storage with MongoDB, ensuring efficient querying for club activities and user profiles.
- Collaborated effectively with 3 team members using Git for version control, following Agile methodologies.

Training Management System

December 2024

Java

- Developed role-based console app (student/trainer) using Java OOP principles
 - Implemented JDBC/SQL integration for secure user auth (registration/login) and course management
 - Developed role-specific console menus (student enrollment/trainer views) with a secure SQL backend using prepared statements.
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Technical Skills

Languages: C, C++, Python, TypeScript, Java, JavaScript, SQL

Frontend: Next.js, React, Angular, React Native, Tailwind

Backend: Express, NestJS, Prisma

Databases & Tools: PostgreSQL, MySQL, Oracle, SQLite, HeidiSQL

Testing: Postman, HTTPie

Club Life

Club des Logiciels Libres (CLL)

Active Member

Internal Relations Manager

FST, Tunisia

November 2023 - April 2024

September 2024 - May 2025

- Organized technical workshops on **Next.js** and **Kubernetes** along with many open-source events (Git/GitHub/Linux)
- Managed internal communications between technical teams and Members
- Co-organized **GENESIS 2.0** (competitive programming competition) with Must University, hosting 50+ participants (Feb 2025)