

SLIM Hassen

4th Year Computer Engineering Student

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🌐 SlimHassenPortfolio

Academic Background

École Nationale d'Ingénieurs de Tunis

El Manar, Tunis, Tunisia

September 2023 – Present

National Engineering Degree in Computer Engineering

Key Courses: Java, C/C++/C#, .NET, Mathematics, AI, Web Development, Networking

Institut Préparatoire aux Études d'Ingénieurs de Monastir

Monastir, Tunisia

September 2021 – June 2023

National Admission Exam for Engineering Schools

Key Courses: Mathematics, Physics, Chemistry, Thermodynamics, Quantum Mechanics, Probability, Statistics

Experiences

Sartex Group

June 2024 – August 2024

Ksar Hellal, Monastir, Tunisia

Network Observation Internship: Gained hands-on experience in analyzing and managing computer networks. Simulated over 10 network scenarios using GNS3 and Cisco Packet Tracer, configuring 20+ virtual routers and switches. Focused on mastering communication protocols, network architecture, and real-time performance validation, leading to a 25% improvement in troubleshooting efficiency.

Tools: GNS3, Network Protocols, Router and Switch Configuration

Projects

AuTowAid – Smart Towing Assistance App (Final Year Project II)

October 2024 – May 2025

Developed a mobile app for real-time towing assistance using Flutter and Spring Boot. Integrated Firebase for notifications and Angular for an admin dashboard. Backend deployed on the cloud.

Tools: Flutter, Spring Boot, Firebase, Angular, Cloud Deployment

License Plate Recognition AI Model

March 2025

Trained a YOLOv8 model on Roboflow datasets to detect and read license plates with high accuracy. Used Google Colab for experimentation.

Tools: YOLOv8, Python, Roboflow, Google Colab

Cinema Ticket Reservation App

December 2024 – January 2025

Web app built with Jakarta EE, handling ticket reservations and payments for users.

Tools: Jakarta EE, HTML, CSS, JavaScript, MySQL

To-Do List Web App (Final Year Project I)

October 2023 – May 2024

Fullstack task manager using Django and SQLite, with interactive frontend.

Tools: Django, HTML, CSS, JavaScript, SQLite

Search Engine in Java

Mars 2024 – Avril 2024

Indexed 1,000+ documents with optimized data structures and fast retrieval.

Tools: Java, Search Algorithms

Factory Scheduling Optimizer

November 2023

Solved production planning using linear programming; GUI with Tkinter.

Tools: Python, PuLP, Tkinter, Pandas

Mini Forum in C

October 2023

Created a school forum system handling users and messages via a simple C backend.

Tools: C

Technical Skills

Web and Fullstack Development: Jakarta EE, Spring Boot, Angular, HTML, CSS, SQLite, .NET, C#

Mobile Development: Flutter, Firebase

AI and Machine Learning: YOLOv8, Roboflow, Google Colab

Programming Languages: Python, Java, C, C#

Optimization and Problem Solving: PuLP, Tkinter, Pandas

Databases: MySQL, SQLite, Oracle Express

Development Tools: Git, GitHub

Graphical Interfaces: Tkinter

Operating Systems: Linux, Windows

Personal Skills

- Problem Solving
- Team Collaboration
- Effective Communication
- Adaptability

Languages

- **Arabic:** Native
- **French:** Fluent
- **English:** Fluent