

# Yassir RAHHIL

Software Engineering and Distributed Information Systems Student

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## Education

### ·Software Engineering and Distributed Information Systems Student

2024-present

Higher Normal School of Technical Education (ENSET), Mohammedia

### ·University Degree in Technology (DUT), Computer Engineering

2022-2024

Superior School of Technology (EST), Beni Mellal

## Professional Experience

### ·Software Developer Intern

April - May 2024

German Moroccan Software (GM-soft), Beni Mellal

Hybrid

- Created a modern React.js website for a client agency, featuring service showcase pages and dynamic content management.
- Developed a Flutter-based mobile application for attendance management, supporting employee check-in/check-out and real-time attendance tracking.
- Built a Python script for automated backup operations, synchronizing files from multiple sub-servers to a centralized main server.

### ·Web Developer Intern

August 2023

SOCIÉTÉ NOUVELLE DES MOULINS DU MAGHREB (SNMM), Casablanca

On-site

- Designed and developed a fully responsive corporate website presenting company activities, values, and contact details.
- Built a custom ticketing system web application using native PHP and JavaScript to streamline internal issue reporting and tracking.

## Projects

### ·TaskMaster – Web Application for Team Task Management

A full-stack web application designed to streamline task assignment, collaboration, and progress tracking for teams.

- Full-stack MERN (MongoDB, Express.js, React, Node.js) application with a reactive, modern UI/UX, real-time updates, task notifications, and user role management.
- Backend designed with scalable RESTful APIs to handle high collaboration loads and concurrent task updates.

### ·Document Scanning Script

A Python-based solution for extracting structured data from identification documents and various formatted papers.

- Uses OpenCV for image processing and ROI (Region of Interest) detection.
- Integrates OCR (Optical Character Recognition) to extract names, ID numbers, dates, and other key fields.
- Supports flexible templates to adapt to different document formats like passports, ID cards, and forms.

## Technical Skills and Interests

**Programming Languages:** C / C++, JavaScript, C#, Dart, Python, PHP, SQL

**Frameworks/Libraries:** React, Express.js, Node.js, .NET, ASP.NET, Entity Framework, Flutter, OpenCV, Flask

**Cloud/Databases:** Firebase, MongoDB, MySQL, SQL Server

**Tools:** Git/GitHub, Visual Studio, Android Studio, Enterprise Architect

**Others:** Agile Methodologies, Linux, Bash, Docker

**Areas of Interest:** Software Engineering, Relational Databases Architecting, DevOps

**Certifications:** Cisco CCNA, Python Essentials 1 & 2, 36 Badges by Microsoft (AI, Azure, Pipelines)

## Languages and Soft Skills

**Languages:** Arabic (Native), English (C1), French (B2)

**Soft Skills:** Problem-solving, Teamwork, Communication, Time management, Adaptability, Leadership, Critical thinking, Agile methodologies, Collaboration