

# Iheb Ben Yaagoub

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## SUMMARY

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As a computer science student, my primary interests lie in the fields of artificial intelligence and data-centric systems. I've gained hands-on experience through various university projects, where I've implemented machine learning techniques. I'm driven by a desire to leverage cutting-edge technologies to find solutions to complex challenges.

## STAGES

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### Alucalcul

Frontend Developer Intern

Summer 2024

Angular, Node.js

Developed a responsive and SEO-optimized landing page following best practices in SSR and performance.

Implemented Angular routing and worked within a large codebase to understand existing architecture.

Designed modern UI layouts inspired by platforms like Dribbble, ensuring alignment with the company's brand.

Collaborated on frontend improvements to enhance user experience and interface clarity.

## PROJECTS

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### PharmaCity Platform

Web Application

2024

React, Express.js, MySQL

Developed a complete web application for searching medicines and checking their availability.

Built a responsive front-end using React with dynamic components and routing.

Implemented a RESTful API with Express.js for managing users, medicines, and pharmacy stock.

Designed and managed a relational MySQL database with full CRUD operations.

Created an administration dashboard for pharmacists to manage stock and track medication data.

## TECHNICAL SKILLS

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**Programming:** Python, Java, JavaScript, C++, TypeScript

**AI/ML:** Supervised and Unsupervised Learning, Feature Engineering, Evaluation Metrics, NLP

**Math for ML:** Linear algebra, probability & statistics, optimization methods

**Data Engineering:** Data cleaning, preprocessing, visualization

**AI Tools:** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn

**Deployment & DevOps:** Flask, REST APIs, Docker, Linux, virtualization, cloud, React, Node.js, Angular

**Databases:** MySQL, SQL

## SOFT SKILLS

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Problem-solving, analytical thinking, teamwork, communication, adaptability, time management

## EDUCATION

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### Faculté des Sciences de Monastir (FSM)

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

Monastir, Tunisia

2023 – 2026

- Intelligence Artificielle ( Machine Learning )
- Probabilités et Statistiques( Algèbre Linéaire )
- Algorithmique, Structures de Données

### Midoun High School

Baccalaureate in Computer Science

Djerba, Tunisia

2022–2023

# LANGUAGES

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Arabic (Native) — French (Intermediate) — English (Intermediate)

# CERTIFICATIONS

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Linux Essentials (LPI 010) — Linux Professional Institute — 2024

[Certificate Link](#)