

# Mohamed ali Chaabani

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## SOFTWARE ENGINEERING STUDENT

Motivated and results-driven Software Engineering student in my final year, seeking an end-of-study internship in the fields of Machine Learning, Artificial Intelligence, or Business Intelligence (BI). I bring a strong foundation in data analysis, algorithm design, and problem-solving, complemented by hands-on experience in developing innovative solutions.

## EDUCATION & CERTIFICATIONS

- Technical Baccalaureate (2021) – Père Blanc
- Full-Stack Development Certificate (2023) – GOMYCODE
- Bachelor's in Software Engineering (Expected 2025) – Polytech International of Tunisia
- Certificate of Achievement in MongoDB
- Certificate of Achievement in Python
- Certificate of Achievement in Web Scraping
- Certificate of Achievement in Machine Learning Processes
- Certificate of Achievement in Tableau Public

## PROFESSIONAL EXPERIENCE

### ELITEINFO

July 2024 – September 2024

#### Internship - Web Application Development

Designed and developed a stock management web application using technologies such as PHP, MySQL, HTML, CSS, and JavaScript.

Implemented key features, including adding, deleting, and editing stock items, as well as managing inventory and restocking alerts.

Collaborated with the team to ensure alignment with end-user requirements and improve the application's operational efficiency.

## ACADEMIC PROJECTS

- **Scrum-Based Web Project:** Collaborated in a team using the Scrum methodology to create a dynamic web application for flight maintenance.
- **Python Indexing Tool:** Developed a Python-based tool for automatic keyword extraction from paragraphs to retrieve the most relevant documents.
- **NFS Network Administration:** Managed a project involving NFS network administration, integrating virtual machines with NAT networking and controlling client access permissions from an NFS server.
- **ERP Project with Odoo:** Integrated and re-engineered three Odoo ERP modules, manipulating data using Odoo Studio.
- **Web Services with Spring Boot:** Managed doctor availability through REST and SOAP APIs.
- **Data Mining & Web Scraping:** Implemented a web scraper for data extraction.
- **BI with Tableau Public:** Designed an interactive dashboard to analyze Airbnb data in New York City.

## KEY COMPETENCIES

Supervised Learning

Unsupervised Learning

Preprocessing

Data Mining and Trend Analysis

Data Visualization (Tableau,

Power BI)

Dashboard Design and Reporting

Data Warehousing and ETL

Model Training, Tuning, and

Evaluation

Natural Language Processing

(NLP)