

Summary

Full-stack engineer and data scientist with hands-on experience building scalable AI systems .

Education

Software Engineering, ISSAT Sousse — *2022 – 2024*
Preparatory Classes, ISSAT Sousse — *2019 – 2021*
Baccalaureate, Pilot High School Gabes — *2018 – 2019*

Experience

Colonybyte - Project Analyst *07/2024 – Present* Remote, Tunisia
Led the analysis and planning of software projects with stakeholders and technical teams, Collected and analyzed user requirements to guide the development lifecycle.

WiseVision AI Technologies – Software Engineer *07/2024 – 12/2024*
Built full-stack AI dashboards with Django + React. Scraped data, analyzed trends, and integrated ML models.

WiseVision AI Technologies – Data Science Intern *01/2024 – 06/2024*
Forecasted retail sales with FBProphet/SARIMA/XGBoost. Built pricing models with LSTM, optimized product performance.

GCT – Web Developer Intern *07/2023 – 09/2023*
Developed Symfony dashboards with AI-enhanced insights. Integrated predictive modules.

STEG – Spring Boot Intern *07/2022 – 08/2022*
Built internal secure platforms with Spring Boot + Thymeleaf.

Top Projects

AI Job Recommender – Django + React + BERT + Elasticsearch
Smart resume parsing (spaCy), real-time job matching, Elasticsearch filtering, and FastAPI backend.

E-Commerce AI Pricing Engine – FastAPI + XGBoost + LSTM
Dynamic demand-driven pricing. Integrated forecasting and product targeting.

Fraud Detection System – Django + Kafka + Autoencoders
Stream-based anomaly detection with Celery + PostgreSQL + Prometheus.

AI Resume Analyzer – GPT + Django
Parsed and scored resumes, suggested jobs, and generated interview questions using OpenAI.

Stock Forecasting Dashboard – FastAPI + WebSockets + LSTM
Real-time prediction and sentiment-based monitoring.

Skills

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|---------------------------------------|-------------------------------------|
| • Python, Java, JS, SQL, R, PHP | • XGBoost, FBProphet, LSTM, BERT |
| • Django, FastAPI, Flask, Spring Boot | • PostgreSQL, MySQL, MongoDB, Redis |
| • React.js, Tailwind, HTML/CSS | • Docker, Git, GitHub, CI/CD |
| • Scikit-learn, TensorFlow, PyTorch | • Elasticsearch, Kafka, Celery |

Certifications

- Machine Learning – Coursera
- Time Series Forecasting – Coursera
- Advanced DL – NVIDIA
- Certified ArangoDB Professional

Leadership & Languages

IEEE Vice President (2024), **Treasurer** (2023)
Languages: English (Fluent), French (C1 – TCF)