Moahmed Aziz Werghi

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Summary

Motivated Software Engineer currently pursuing a Cycle d'Ingénieur in Telecommunications with hands-on internship experience. Proven ability to develop scalable applications, implement real-time monitoring solutions, and integrate advanced assistant agents. Skilled in Python and TypeScript with a strong foundation in modern development frameworks and methodologies.

Skills

Programming Languages: Python (Advanced), Typescript / Javascript (Advanced)
Frameworks & Technologies: Spring Boot, .Net, NestJS, FastAPI, Flask (Intermediate)
Project Management: Intermediate

Work Experience

Software Engineer Intern PFE — Feb 2025 – Jul 2025
Bry Technology

- Developed a Retrieval-Augmented Generation (RAG) agent and integrated it into a marketplace web application, enhancing user interaction as an intelligent assistant.
- Delivered a scalable solution improving customer experience and streamlining marketplace operations.

Software Engineer Intern — Jul 2024 – Sep 2024
Bry Technology

- Built a real-time PostgreSQL monitoring system with a dynamic dashboard, incorporating anomaly detection models and Kafka for streaming data.
- Increased system reliability by promptly detecting and alerting database anomalies, reducing downtime risk.

Education

Cycle d'Ingénieur de Télécommunication — 2022 – 2025 (Expected)
Ecole Nationale d'Ingénieurs de Tunis (ENIT)

PREPA MP — 2020 – 2022
ISSAT Mahdia

BAC MATH — 2019 – 2020
Lycée Mohamedia 7, Tunis

Projects

Smart Classroom — Feb 2024 – Jun 2024
Technologies: React, Spring Boot, C++

- Designed an academic administration platform featuring a dashboard to monitor teacher attendance and presence.
- Implemented automated energy management by controlling electricity consumption and device activity in classrooms, improving efficiency.

Random Chat — Sep 2024 – Nov 2024
Technologies: NestJS, Next.js, Prisma, Python

- Developed a platform enabling users to connect randomly and build friendships, focusing on real-time communication and user engagement.

Certifications

C Programming
Coursera

Jan 2023 – May 2025 (Valid)

Languages

English — Fluent
French — Basic