

EXPERIENCE

Proxym

Hybrid

AI Software Engineer Intern

Feb. 2025 – Aug. 2025

- Engineered AI-powered automation transforming requirements into ClickUp tasks, cutting manual effort by 50%
- Integrated ClickUp API with AI processing pipeline for automated task generation and validation
- Built microservices backend with OAuth 2.0, MinIO object storage & Docker orchestration at 99% uptime
- Developed Next.js wizard interface with real-time validation, boosting task completion by 30%

Tech Stack: Next.js , FastAPI , Spring Boot , OAuth 2.0, MinIO, ClickUp API, Docker, Spring Cloud , Github Actions

Neuralbey

Remote

Software Engineer Intern

Jul. 2024 – Sep. 2024

- Architected Spring Boot microservices ecosystem with Spring Cloud Gateway, handling 200+ TPM across 3+ services
- Designed Kafka event-driven architecture processing 10K+ daily messages with sub-200ms latency
- Secured microservices with KeyCloak OAuth2 & JWT, reducing unauthorized access by 90%

Tech Stack: Spring Boot, Apache Kafka, KeyCloak, Spring WebFlux, Spring WebSocket, Docker

Telecom TN

Hybrid

ML Engineer Intern

Jul. 2023 – Jul. 2023

- Built end-to-end ML pipeline from SAP data extraction to automated classification for 1K+ records
- Optimized scikit-learn models via feature engineering, boosting accuracy from 75% to 85% on 5K samples
- Deployed FastAPI + React stack serving ML predictions to 50+ users with sub-500ms response times

Tech Stack: Scikit-learn, FastAPI, SAP React, Postgres, TypeScript

PROJECTS

Network AI



- Architected microservices platform integrating Exa AI & Gemini APIs for semantic LinkedIn searches, tested on 50+ queries
- Built automated resume analysis pipeline using Gemini & Landing AI, achieving 85% accuracy across 20+ test cases
- Deployed with FastAPI, Docker, and Nginx for production scalability

Tech Stack: Gemini API, Exa AI, Landing AI, Next.js, FastAPI, Docker, Nginx

ChatAI



- Deployed locally-hosted Gemma 3 LLM using Ollama for production inference without API dependencies
- Engineered streaming response system using Spring WebFlux & SSE for real-time conversational UI
- Implemented conversation persistence with Neon Postgres and Spring AI framework integration

Tech Stack: Spring AI, Ollama, Gemma 3, Spring WebFlux, React 19, TypeScript, Neon Postgres

Chatify



- Developed WebSocket-based messaging app supporting 50+ concurrent users with sub-200ms latency
- Configured Neon Postgres for message persistence & JWT authentication for secure room access

Tech Stack: Spring Boot 3, Spring WebSocket, React 19, Neon Postgres, JWT

EXTRACURRICULAR ACTIVITIES

Parika

Remote

Content Creator & Contributor

Dec. 2024 – Present

- Published 10+ technical articles on AI & software development, reaching 1K+ readers; contribute to OSS projects

GDSC ENET'Com

Sfax, Tunisia

Active Member & Instructor

Sep. 2022 – Aug. 2024

- Led problem-solving workshops for 50+ students on algorithms; mentored juniors in programming & project development

EDUCATION

National School of Electronics and Telecommunications of Sfax

Sfax, Tunisia

Engineering in Data & Artificial Intelligence

Sep. 2022 – Present

Sfax Preparatory Engineering Institute

Sfax, Tunisia

Pre-Engineering in Physics & Technology

Sep. 2020 – June 2022

LANGUAGES

Spoken: Arabic (Native), English (Fluent) , French , German