

AYMEN RAHALI

AI & DevOps Engineer | Full-Stack · LLM Integration · CI/CD

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Tunis, Tunisia · Open to relocation & remote

PROFILE

Software & AI engineer (ESPRIT, 2025) who builds LLM-powered products and runs them in production. At VegaNext, a US B2B SaaS company, I ship features end to end: LLM integrations, a RAG chatbot, voice AI on a cloud VoIP platform, then deploy them with Docker, Nginx and CI/CD and monitor them in production. Previously: four engineering internships in AI/ML, DevOps and full-stack.

TECHNICAL SKILLS

AI / LLM: LLM API integration, RAG, chatbots, AI agents, Voice AI (speech-to-text), NLP, Machine Learning, Deep Learning, Transformers, N8N automation

DevOps & Cloud: Docker, Docker Compose, Linux servers (VPS), Nginx, SSL/TLS, CI/CD pipelines, Jenkins, SonarQube, Nexus, Grafana, Prometheus, AWS

Back-End: Python, FastAPI, Flask, Node.js, Express.js, Spring Boot, Django, REST APIs, Microservices

Front-End: React.js, Next.js, TypeScript, JavaScript, Angular

Data & Tools: PostgreSQL, MongoDB, MySQL · Git/GitHub, Jira, Postman · Agile/Scrum, TDD

PROFESSIONAL EXPERIENCE

Full-Stack AI Engineer

Nov 2025 – Present

VegaNext — California, USA (B2B SaaS)

- ▶ Build and ship product features end to end across React/TypeScript front-ends and Node.js/Python back-ends.
- ▶ Integrate LLM APIs into production features and built a RAG chatbot that answers user questions from company knowledge.
- ▶ Develop voice AI features for VegaTel, the company's cloud VoIP platform: speech-to-text transcription and AI call summaries.
- ▶ Automate business workflows with N8N and AI agents, removing repetitive manual tasks for internal teams.
- ▶ Deploy and operate services on Linux servers with Docker Compose, Nginx reverse proxy and SSL; set up CI/CD pipelines for automated deployments and monitor production apps (VegaTel targets 99.9% uptime).

Stack: React, TypeScript, Node.js, Python, LLM APIs, RAG, N8N, Docker Compose, Nginx, CI/CD, Linux

Full-Stack & AI Engineer — Final-Year Internship

Feb 2025 – Sep 2025

Tessi / Owlance — Tunis

- ▶ Built a non-regression test automation platform integrated with Jira Xray, cutting manual testing time by 70%.
- ▶ Designed a microservices architecture with a Docker-based CI/CD pipeline, tripling deployment frequency.
- ▶ Trained an NLP model that prioritizes critical test cases to focus QA effort on the highest-risk areas.

Stack: React, Spring Boot, FastAPI, Flask, MongoDB, Docker, NLP/Python, N8N

DevOps / Full-Stack Intern

Jun 2024 – Sep 2024

Ipact Consult — Tunis

- ▶ Built a full DevOps pipeline: Jenkins CI/CD, SonarQube quality gates, Nexus artifacts, Grafana & Prometheus monitoring.
- ▶ Reduced build time by 40% and production bugs by 25%.

Stack: Spring Boot, Docker, Jenkins, SonarQube, Nexus, Grafana, Prometheus

Full-Stack & AI Intern

Jul 2024 – Aug 2024

Sopra HR Software — Tunis

- ▶ Built SmartAssign, an ML task-assignment system (skills, availability, priority) that cut project delays by 30%.

Stack: React, FastAPI, Flask, Python, Machine Learning

Web Developer Intern

Jun 2023 – Sep 2023

3S Standard Sharing Software — Tunis

- ▶ Built a job & internship platform (500+ applications/month) with automatic recruit assignment, improving onboarding by 15%.

Stack: ASP.NET MVC, C#, JavaScript, Symfony

SELECTED PROJECTS

- ▶ **CourZello (2024)** — E-learning platform with AI course recommendations (Angular, Spring Boot, Flask, MongoDB).
- ▶ **Live web platforms (2024)** — Aquafun Marina booking (aquafunmarina.com), Zorrage Auto e-commerce (zorrage.com).

EDUCATION

Engineering Degree — Software Engineering & Artificial Intelligence

2020 – 2025

ESPRIT — École Supérieure Privée d'Ingénierie et de Technologies, Tunis

CERTIFICATIONS

NVIDIA: Fundamentals of Deep Learning (2025) · NVIDIA: Evaluation & Customization of LLMs (2025) · NVIDIA: Transformer-Based NLP Applications (2025) · LinkedIn Learning: Data Analysis (2024)

LANGUAGES & MORE

Arabic (native) · French (B2) · English (B2) · German (A2) · IEEE member · AIESEC Middle Manager (2023) · Driving licence B