

Khaled Abdallah

+96171966815 | khaledab292001@gmail.com | LinkedIn | Beirut, LB

Summary

Highly motivated Software Engineer with 1+ years of experience in backend development, AI integration, and full-stack web applications. Expert in building scalable RESTful APIs (NestJS), deploying containerized applications (Docker), and integrating machine learning models into production. Proven ability to develop LLM-powered chatbots, RAG solutions, and computer vision applications (TensorFlow, CNNs). Adept at agile methodologies, delivering highperformance, reliable software solutions.

Experience

NavyBits | Tripoli

Full stack | 05/2025 – 07/2025

- Built and deployed 5+ full-stack web applications using Next.js, Node.js, and PostgreSQL, improving user engagement by 30% and expanding the user base by 15%
- Optimized frontend/backend integration through NestJS and REST APIs, reducing response times by 25% and improving server efficiency by 20%
- Developed automated testing scripts in Python with PyTest, cutting bug reports by 40% and accelerating development cycles by 15%

Forward Mena | Remote

Data Analytics intern | 03/2024 – 09/2024

- Analyzed 100K+ record datasets using Pandas, NumPy, and SQL, generating insights that boosted client ROI by 10%
- Designed interactive dashboards in Tableau and Excel, enabling 50+ stakeholders to access real-time insights and reducing reporting time by 30%

Hexapi | Remote

AI Development Workshop | 06/2024 – 08/2024

- Developed 10+ machine learning models in Scikit-Learn, TensorFlow, and PyTorch with an average accuracy of 95%, deploying 3 into production applications
- Architected and deployed an LLM-powered chatbot using LangChain and Hugging Face, achieving 95% user satisfaction, supporting 1,000+ daily users, and reducing support tickets by 20%

AI Education Program | Remote

AI Engineer Trainee | 02/2023 – 03/2023

- Gained hands-on experience with pre-trained NLP models, CNNs, and RAG pipelines, focusing on real-world applications
- Learned industry-standard AI development workflows including model training, deployment, and version control using Git and Docker.

Skills

- **Programming Languages:** TypeScript, JavaScript, Python
- **Backend Development:** Node.js, NestJS
- **Frontend Development:** Next.js
- **Databases:** PostgreSQL, MySQL, MongoDB
- **ML/AI:** Hugging Face, LangChain, Chainlit, Scikit-Learn, TensorFlow, PyTorch
- **NLP:** LLMs, RAG, GPT
- **CV:** CNNs, Image Classification,
- **Data Analytics:** Pandas, NumPy, Tableau, Excel, Statistical Analysis, Data Visualization
- **DevOps & Infrastructure:** Docker, Docker Compose, Heroku, Hugging Face Spaces
- **Development Tools:** Git, Postman

Education

Institut Technique Dawssi-Akkar | Dawssi, LB

Bachelor's Degree in computer Science| 08/2022