

Ahmad Abughanam — Computer Science

Student — AI/ML & Software Engineering

Amman – Jordan

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Professional Summary

Motivated Computer Science student (GPA: 3.55/4.0) with hands-on experience in AI/ML, full-stack development, and distributed systems. Completed industry training at Jordan Kuwait Bank across Business Intelligence, IT operations, and automation. Delivered 12+ technical projects including LLM applications, blockchain solutions, and scalable web systems. Passionate about building intelligent, production-ready software with strong foundations in system design and architecture.

Education

Middle East University (MEU)

Amman, Jordan

Bachelor of Science in Computer Science, GPA: 3.55/4.0

2022–2026

Relevant Coursework: Data Structures & Algorithms, Database Systems, Computer Networks, Operating Systems, Artificial Intelligence, Machine Learning, Software Engineering, Web Development, Cybersecurity, Cloud Computing

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, SQL, C#, R, HTML/CSS

AI/ML: Machine Learning, Deep Learning, NLP (BERT, Transformers), LLMs (GPT, LLaMA), RAG Systems, Prompt Engineering, Model Deployment (FastAPI, Docker), AI Agents & Automation

Web Development: React, NestJS, Flask, RESTful APIs, Full-Stack Development, Responsive Design

Databases: PostgreSQL, MySQL, SQLite, Database Design, Indexing, Query Optimization

Cloud & DevOps: AWS, Docker, Git/GitHub, CI/CD Concepts, n8n Workflow Automation, RPA

System Design: Distributed Systems, Microservices, Caching Strategies, Load Balancing, Message Queues, Event-Driven Architecture, CAP Theorem, Scalability Patterns

Security: Cybersecurity Fundamentals, Fraud Detection, Anomaly Detection Systems

Networking: Cisco CCNA, TCP/IP, Network Architecture, Windows Server 2022

Professional Experience

Jordan Kuwait Bank (JKB)

Amman, Jordan

Technical Trainee

Jul–Aug 2024

- Rotated through Business Intelligence, MIS, IT Operations, and Automation departments
- Developed workflow automation solutions using RPA concepts to streamline banking operations
- Gained hands-on exposure to enterprise cybersecurity practices and financial sector IT infrastructure
- Collaborated with cross-functional teams on data analytics and reporting initiatives

Selected Projects

Flask, LLaMA 3, Python

BankShield AI – Fraud Monitoring System

2025

- Developed LLM-powered fraud detection system for real-time transaction monitoring
- Implemented anomaly detection algorithms with natural language explanations
- Designed RESTful API architecture for seamless integration with banking systems

Docker, Flask, PostgreSQL, Python

Finance Multi-Service Application

2025

- Built containerized microservices platform for stock analysis and sentiment scoring
- Integrated real-time market data APIs with PostgreSQL database for historical tracking
- Implemented responsive web interface with dynamic data visualization

Blockchain, Smart Contracts, Web3

Blockchain Real Estate Management System

2025

- Designed decentralized rental automation system with asset tokenization
- Developed smart contracts for secure, transparent property transactions
- Implemented distributed ledger architecture for immutable record-keeping

Mistral-7B, SQLite, Python, NLP

InsightSort – Document Classification Engine

2025

- Created offline document classification system using local LLM deployment
- Optimized model inference for low-latency predictions on resource-constrained systems
- Built SQLite-based document storage with efficient indexing and retrieval

Flask, pandas, LLM APIs, Python

InputIQ – Automated Dataset Cleaning Tool

2025

- Developed AI-powered data cleaning pipeline with automated quality checks
- Integrated LLM-based insights for intelligent data transformation suggestions
- Designed intuitive web interface for non-technical users

Python, NLP, Flask

Smart IT Support Chatbot

2025

- Built intelligent troubleshooting assistant based on CompTIA A+ knowledge base
- Implemented natural language understanding for technical support queries
- Reduced average resolution time through automated diagnostics

Certifications

Harvard CS50: Computer Science • AI with Python • Cybersecurity • Databases with SQL

AI & ML: LLM Engineering (Udemy) • AI A-Z 2025 • Computer Vision with OpenCV • NLP with BERT • AI Automation with n8n & APIs • Llama 4: Mastering Prompt Engineering

Cloud & Network: AWS Cloud Practitioner • Cisco CCNA • Windows Server 2022

Development: Python Advanced • SQL Bootcamp • RESTful APIs • Software Architecture & Design

Languages

Arabic: Native proficiency

English: Professional working proficiency