Ahmed Al Touqi

APPLICATION DEVELOPER · ASPIRING AI ENGINEER

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Aspiring AI engineer and Application Developer with a B.S. in Integrated Information Technology from the University of South Carolina, grounded in database design and SQL, networking, IT security, Python and agile project management. Builds data-driven internal tools, from a company-wide platform with an integrated AI assistant to Power BI reporting and automated workflows. Founder of Studio 21 Cuts. Building a long-term career in AI engineering, focused on machine and deep learning, model training, Python and AI-powered workflow automation.

EXPERIENCE

Application Developer
Apr 2025 – Present

Muriya Tourism Development, Muscat, Oman

- Built **Muriya Nexus**, a centralized platform with two-factor sign-in that gives each employee the company tools their role needs, plus a department task planner and an integrated AI assistant that drafts memos, summarizes updates and sets weekly priorities.
- Developed Power BI dashboards that collect, transform and analyze company data, including travel and ticket-spend analysis by department, airline and route.
- Automated repetitive administrative tasks with Power Automate workflows.
- Rolled out ServiceDesk Plus and Endpoint Central, configured a Cisco switch for DHCP, and managed Dynamics 365 Sales records.

IT Paid Intern
Feb 2024 – Jun 2024

South Carolina State Treasurer's Office, Columbia, SC

- Automated the monthly cost-reporting process, cutting completion time by **40%**.
- Triaged hardware, software and security tickets in ServiceDesk Plus; handled onboarding and offboarding setups.
- Contributed to the agency's Security and Procedure Policy report.

Product Owner, Capstone Project
Jan 2024 – May 2024

Electric Power Research Institute (EPRI)

- Led the team's agile project charter and schedule for an operational technology (OT) security project.
- Researched OT/IT integration and threats such as Stuxnet; built a NIST-based detection framework mapping OT threats to security tools, fed into Splunk.

EDUCATION

B.S. Integrated Information Technology
May 2024

University of South Carolina, College of Engineering and Computing, Columbia, SC

- Scholarship student · President's List · Dean's List · Arab Association member

International School of Choueifat, Muscat
Grades 1 – 12

ACADEMIC PROJECTS

- **RFID business case, Dollar General:** proposed RFID to cut theft and grow revenue, with requirements and cost analysis.
- **IT upgrade business case (team):** in-house vs. online TCO/ROI models and an MS Project rollout plan.
- **Database design:** 7-table bookstore schema in Oracle Data Modeler; movie-rental database with constraints, sequences, indexes, views.
- **Network builds:** LANs with VLANs, inter-VLAN routing, EtherChannel, DHCP and HSRP, in Packet Tracer and on real Cisco switches.
- **UI/UX design:** task analysis, user survey and interface proposal for an overhead-bin reservation app to cut boarding delays.

SKILLS

AI & ML	Prompt engineering, local LLMs with Ollama, RAG, ML & deep learning fundamentals LEARNING
Programming	Python (beginner), SQL, HTML, CSS, JavaScript basics, AI-assisted development
Data & BI	Oracle SQL Developer, database design & normalization, Power BI, sales analytics dashboard for my barbershop
Automation	Power Automate workflows
Networking & IT	Cisco switching & routing, VLANs, DHCP, HSRP, ServiceDesk Plus, Endpoint Central, Dynamics 365
Management	Agile/Scrum, MS Project, business cases with TCO/ROI analysis
Languages	Arabic and English (fluent)