Mansour Al-Dhabiyan

Cybersecurity Engineer | AI Solutions

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Summary

AI & Cybersecurity professional specializing in Governance, Risk, and Compliance (GRC), Security Operations Center (SOC), and enterprise security. Experienced in security monitoring, Active Directory administration, endpoint protection, and IT infrastructure security within government environments. Passionate about building AI-powered agents and intelligent solutions that automate security operations, enhance risk assessment, and improve organizational decision-making through secure and scalable technologies.

Skills

Cybersecurity:
- Identity & Access Management (IAM)
- Governance, Risk & Compliance (GRC)
- Security Operations Center (SOC)
- Security Monitoring
- Incident Response
- Vulnerability Assessment

Tools & Technologies:
- Active Directory
- Keycloak
- BitLocker
- PRTG Network Monitor
- Git & GitHub

AI & Intelligent Systems:
- AI Agents
- Agentic AI
- Prompt Engineering
- LLM Applications
- AI Workflow Automation
- Risk Modeling
- OpenAI API

Frameworks:
- NIST Cybersecurity Framework (NIST CSF)
- ISO/IEC 27001
- NCA ECC
- OWASP Top 10
- Zero Trust Architecture

Programming Languages:
- Python
- SQL
- Java
- C++
- JavaScript
- HTML/CSS

Soft Skills:
- Analytical Thinking
- Problem Solving
- Technical Communication
- Cross-functional Collaboration
- Attention to Detail
- Continuous Learning
- Leadership

EXPERIENCE

Ministry of Interior (MOI)

Cybersecurity Intern (Cooperative Training) | 2025

- **Monitored** security events, analyzed alerts, and supported incident escalation within a Security Operations Center **(SOC).**
- **Supported** Identity and Access Management (**IAM**) through Active Directory by administering 50+ user accounts and enforcing the Principle of Least Privilege (PoLP).
- **Investigated** system and security logs to identify suspicious activities and support incident analysis.
- **Assisted** Governance, Risk, and Compliance (**GRC**) initiatives by implementing BitLocker encryption and maintaining endpoint security controls
- **Monitored** enterprise servers, SAN storage, and network infrastructure using PRTG Network Monitor.
- **Managed** technical support requests using Zammad, resolving authentication, network connectivity, and endpoint issues.
- **Supported** secure access management and infrastructure security for government digital services, including the Absher platform.

Education

Bachelor of Science in Cybersecurity — University of Hafr Al-Batin (UHB) *Hafr Al-Batin, Saudi Arabia 2026*

Technical Projects

Methaq — Intelligent Identity & Access Management Platform (Graduation Project)

- **Architected** a distributed five-node Zero Trust cybersecurity platform integrating Identity and Access Management (IAM), adaptive authentication, Web Application Firewall (WAF), and active defense mechanisms.
- **Developed** a closed-loop machine learning pipeline using Isolation Forest and Random Forest to generate real-time authentication risk scores and adaptive access decisions.
- **Integrated** a Cowrie honeypot with adaptive authentication, enabling the platform to learn from real attack activity and continuously improve threat detection.
- **Implemented** risk-based authentication using Keycloak, OpenID Connect (OIDC), PKCE, RBAC, and dynamic access policies to strengthen enterprise identity security.
- **Validated** the platform through OWASP ZAP scanning, STRIDE threat modeling, penetration testing, and SSL/TLS hardening.

Mi'yar — AI-Powered Agricultural Risk Intelligence Platform (Innovation Project)

- **Designed** an AI-powered agricultural risk intelligence platform that standardizes farm risk assessment to support insurance decision-making and data-driven underwriting.
- **Developed** an intelligent risk assessment workflow combining geospatial analysis, environmental indicators, and agricultural data to generate a unified X Risk Score for risk classification.
- **Applied AI**-driven analytics to improve agricultural risk assessment, support decision-making, and reduce reliance on subjective manual evaluations.
- **Designed** the solution to support insurers, farmers, and government stakeholders by improving transparency, enabling fair pricing, and strengthening agricultural sustainability.
- **Presented** the project in a national innovation competition, demonstrating AI integration, product strategy, and real-world business impact.

Haflati — Smart School Transportation Platform (Founder & Product Developer)

- **Designed** and developed a SaaS platform connecting parents, schools, drivers, and transport companies through a unified real-time transportation management system.
- **Built** a functional MVP featuring live GPS tracking, QR-based student attendance, instant notifications, fleet management, and operational dashboards.
- **Architected** a scalable multi-role platform with centralized data management and role-based access for parents, drivers, schools, and transport providers.
- **Designed** the product architecture, UI/UX, business model, deployment strategy, and end-to-end user experience.
- **Launched** a live MVP demonstrating end-to-end product development, cloud deployment, and real-world operational workflows