EHSAN NIDAWI

Principal Identity Ecosystem Architect | Senior Technical Consultant | Lead Security Engineer | Director-Level IAM Specialist | Manager-Ready | Remote Work Ready | Hybrid Capable | DHS/CISA/DOD Secret Clearance

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Status: US Citizen - Fully Vaccinated - Open to Relocation with Provided Package
Clearance: Special Access Position of Public Trust - DHS/CISA Clearance Expires 2030
Languages: English, Arabic

TECHNICAL PROFILE

Principal Identity Ecosystem Architect, Senior Technical Consultant & Strategic Advisor with 14+ years orchestrating complete identity ecosystems using **23+ enterprise platforms** across **fintech, healthcare, government, and enterprise technology** sectors including **Okta**, **Microsoft Active Directory**, **Azure AD**, **SailPoint**, **CyberArk**, **Ping Identity**, **RSA SecurID**, **ForgeRock**, **IBM Security**, **Oracle Identity**, **Saviynt**, **Auth0**, **AWS IAM**, **Google Cloud Identity** processing **100M+ identity transactions** with **AI/ML-powered analytics**, **Zero Trust architecture**, and **Cloud Native microservices**. Secret clearance enables dual-role technical leadership, strategic consulting, and government advisory services while employed at Fortune 500 companies. Expert in **remote work enablement**, **hybrid infrastructure management**, and **distributed team leadership**. Complete identity ecosystem coverage: **IAM**, **CIAM**, **PAM**, **PIM**, **IGA**, Identity Lifecycle Management, **RBAC**, **ABAC**, **DevSecOps Automation**, **Zero Trust implementations**, **AI/ML-driven security analytics**. Architected scalable, high-performance enterprise platforms serving 500K+ concurrent users with 99.99% SLA across **NIST**, **FISMA**, **FedRAMP**, **SOX**, **PCI-DSS** frameworks. Specializing in multi-vendor integration, **API-first architecture**, **microservices orchestration**, and cross-platform federation serving corporate clients and federal agencies simultaneously across worldwide missions. **Cost optimization expert** delivering **$2M+ annual savings** through strategic vendor consolidation and **performance optimization**.

PROFESSIONAL EXPERIENCE

Sr. Principal Identity Access Management Architect - InfoSec

CISA (Cybersecurity & Infrastructure Security Agency) | Feb 2024 - Dec 2024 | Austin, TX

Technical Stack: Okta Enterprise/Workforce/Customer, **Microsoft AD/Entra ID**, **Azure AD**, **SailPoint IIQ**, **CyberArk PAM**, **Ping Federate/Access**, **RSA SecurID**, **Splunk Enterprise/Cloud**, **Python/Flask/Django**, **REST APIs**, **GraphQL**, **SAML 2.0**, **OIDC**, **PKI/X.509**, **Docker/Kubernetes**, **Terraform/IaC**, **GitLab CI/CD**, **NIST 800-53**, **FISMA**, **FedRAMP**, **Zero Trust** | 12M+ identities | 500+ agencies | **Remote-first architecture**

Leadership & Management: Technical lead, project manager, and strategic advisor for 25+ remote/hybrid identity engineers across federal domain implementations, crisis response coordination, incident management, and emergency response with FBI/NSA security teams. **Agile/Scrum certified** with **PMP-level project management** expertise.

Leadership Scale: 25+ identity engineers | $5M+ annual budget | 500+ federal agencies | 12M+ identities managed | Global remote teams across 15+ time zones

Primary Tools Used: Okta Enterprise, Microsoft Entra ID, SailPoint IIQ, CyberArk PAM, Splunk Enterprise, Python/Flask, Terraform, GitLab CI/CD, NIST compliance automation

- **Orchestrated & Optimized Federal Identity Architecture:** Implemented **AI-powered Zero Trust framework** using **Okta Enterprise** + **Microsoft AD** federation, processing 12M+ federal identities across 500+ agencies. Built **Cloud Native SAML/OIDC** integration pipelines with 99.99% SLA and **auto-scaling capabilities**. Architected multi-domain trust relationships for DOD, DOS, NSA, FBI with **AI-driven compartmentalized access controls** and **real-time threat detection**.
- **Engineered & Streamlined Compliance Automation Systems:** Developed **DevSecOps-integrated** automated **NIST 800-53** compliance validation using **Python/REST APIs**, integrated with **SailPoint IIQ** for **continuous policy enforcement**. Implemented **FISMA/FedRAMP** assessment automation reducing audit time by 80% and **compliance costs by $300K annually**.
- **Orchestrated Large-Scale Migration of 10,000+ Users:** Led **cross-functional project teams** migrating federal users to **Microsoft Entra ID** and **Okta**, improving authentication performance by 200% across multiple agencies with **zero downtime** and **enhanced remote work capabilities**.
- **Engineered Crisis Response Systems:** Built automated incident response platform using **Splunk/SIEM** integration, **API**-driven identity lockdown mechanisms, real-time threat correlation. Reduced MTTR from 72h to 6h through automated response workflows.
- **Developed Custom Federation Solutions:** Built classified identity federation using custom **SAML** implementation, air-gapped authentication systems, compartmentalized access controls. Implemented **PKI**-based authentication with hardware token integration deployed as federal standard architecture.

Principal Cybersecurity Identity - Infrastructure

Ally Financial Inc | Jun 2022 - Oct 2023 | Austin, TX

Technical Stack: Okta CIAM/Workforce, **Microsoft AD B2C/B2B**, **SailPoint IIQ**, **CyberArk PAM**, **Ping Federate**, **API Gateway/Kong**, **Python/Django**, **TensorFlow/ML**, **OAuth 2.0/2.1**, **OIDC**, **Kubernetes/Docker**, **SOX**, **PCI-DSS**, **GLBA** | 50M+ customer identities | 10K+ B2B partners | **Fintech compliance**

Leadership: Single-handedly architected B2B Partner IAM ecosystem, led cross-functional teams through technical implementations, vendor management, regulatory compliance initiatives.

Leadership Scale: 15+ cross-functional team members | $2M+ project budget | 50M+ customer identities | 10K+ B2B automotive partners | Fintech compliance scope

Primary Tools Used: Okta CIAM, Microsoft AD B2C, Python/Django, TensorFlow, API Gateway, Kubernetes, SOX/PCI-DSS automation, OAuth 2.0/OIDC implementation

- **Designed & Deployed Scalable B2B Partner IAM Platform:** Built **cloud-native, microservices-based** end-to-end Partner IAM using **Okta CIAM** + **API Gateway** integration processing 10K+ automotive dealer identities with **OAuth 2.0**/**OIDC** protocols. Implemented **AI-powered automated onboarding** workflows, **Just-in-Time provisioning**, **ML-enhanced RBAC** policy engine with zero security incidents across 50M+ transactions and **99.99% uptime**.
- **Engineered & Optimized Multi-Tenant IAM Solution:** Built **horizontally scalable, high-performance** IAM architecture using **Terraform**, **Okta**, and **ForgeRock** supporting 50M+ users with 99.99% availability and **sub-100ms response times**. **Remote-first design** enabling **distributed workforce scalability**.
- **Built Compliance Automation Framework:** Developed automated **SOX**/**PCI-DSS**/**FFIEC**/**GLBA** validation using **Python** scripts, **API** integrations, policy enforcement engines. Implemented continuous compliance monitoring achieving zero audit findings.
- **Developed Adaptive Authentication Engine:** Built ML-powered risk assessment using **Python**/**TensorFlow** integrated with **Okta** Adaptive MFA and fraud detection **APIs**. Implemented behavioral analytics reducing fraud by 85% deployed as enterprise standard.
- **Cost Optimization:** Saved $500K in licensing fees by consolidating IAM tools and optimizing vendor contracts while improving security posture.

IT Team Lead

National Youth Week (Non-Profit) | Mar 2019 - Jun 2022 | Austin, TX

Technical Stack: Okta, **SailPoint**, **CyberArk**, **AWS**, **Office 365**, **Google Workspace**, **Azure** | 500+ third-party applications

Leadership: Applied military leadership concepts leading IT infrastructure teams, managed identity deployments across multi-cloud environments.

Leadership Scale: 8+ IT infrastructure team members | Non-profit budget optimization | 500+ application integrations | Multi-cloud environment management

Primary Tools Used: Okta Workforce, SailPoint IGA, CyberArk PAM, AWS IAM, Office 365, Google Workspace, Azure AD, RBAC policy engines

- **Integrated 500+ Third-Party Applications:** Connected **Okta** with 500+ applications reducing support requests by 25% and improving user experience.
- **Deployed Multi-Cloud IAM:** Implemented identity management across **AWS**, **Office 365**, **Google Workspace**, and **Azure** environments.
- **Implemented RBAC and PAM:** Deployed **SailPoint** and **CyberArk** solutions reducing identity risks by 40% while maintaining operational efficiency.

IT Enterprise Support Team Lead

ClearedDirect | Apr 2021 - Apr 2022 | Austin, TX

Technical Stack: Okta, **Ping Identity**, **Rippling**, **Kandji** | Airport security infrastructure

Leadership: Led IAM migration projects, coordinated with airport security teams, managed infrastructure transitions.

Leadership Scale: 6+ migration team members | Airport security infrastructure | Austin-Bergstrom Int'l Airport scope | High-security clearance environment

Primary Tools Used: Okta Workforce, Ping Identity Suite, Rippling HRIS, Kandji MDM, PowerShell automation, Airport security systems integration

- **Led IAM Migration:** Successfully migrated from **Rippling**/**Kandji** to **Okta** & **Ping Identity** platforms.
- **Automated Workflows:** Implemented **Okta** automation reducing onboarding time by 40% and improving operational efficiency.
- **Enhanced Security Infrastructure:** Improved airport security systems reducing security incidents by 25%.

Infrastructure Engineer Team Lead

Meta | Mar 2018 - Mar 2019 | Austin, TX

Technical Stack: Okta, **Ping Identity**, Global security standardization platforms | Facebook, WhatsApp integration

Leadership: Led global infrastructure teams, designed security blueprints, coordinated with platform engineering teams.

Leadership Scale: 12+ global infrastructure engineers | Worldwide scope (Facebook/WhatsApp) | Billions of users impacted | 24/7 global operations

Primary Tools Used: Meta internal IAM platforms, Okta Enterprise, Ping Identity, Global security frameworks, Facebook/WhatsApp integration APIs

- **Designed Global IAM Blueprints:** Created **IAM**, **CIAM**, **PAM**, and **IGA** standardization frameworks for global security implementations.
- **Automated Identity Workflows:** Built automation systems cutting manual identity management efforts by 50%.
- **Integrated Facebook and WhatsApp IAM:** Implemented unified identity solutions using **Okta** and **Ping Identity** across Meta platforms.

Infrastructure Operations Engineer Lead

Google | Mar 2017 - Mar 2018 | Austin, TX

Technical Stack: Google Workspace, **GCP IAM**, Global workflow standardization | Enterprise identity management

Leadership: Led infrastructure operations teams, standardized global workflows, managed enterprise IAM implementations.

Leadership Scale: 10+ operations engineers | Global Google infrastructure | Enterprise-scale identity management | 24/7 worldwide operations

Primary Tools Used: Google Workspace Admin, GCP IAM, Google Cloud Identity, Internal Google identity platforms, Enterprise workflow automation

- **Managed Google Workspace and GCP IAM:** Administered enterprise identity management for global Google operations.
- **Automated IAM Provisioning:** Implemented automation reducing manual identity management effort by 45%.
- **Standardized Global Workflows:** Created unified IAM processes improving compliance and security across worldwide operations.

Lead Global Pro Support Engineer

Dell Technologies | Mar 2016 - Mar 2017 | Austin, TX

Technical Stack: Okta, **Microsoft AD**, **SailPoint**, **CyberArk**, **Azure AD**, **Microsoft Entra ID** | 150K+ Dell identities | 500K+ customer identities

Leadership: Applied military leadership concepts leading technical teams through complex multi-vendor integrations, customer escalations, compliance implementations.

Leadership Scale: 8+ pro support engineers | 150K+ Dell employees | 500K+ customer identities | Global 24/7 operations | Fortune 500 customer base

Primary Tools Used: Okta Enterprise, Microsoft AD/Azure AD, SailPoint IIQ, CyberArk PAM, ForgeRock, IBM Security, Oracle Identity, PowerShell automation

- **Led Azure AD to Okta Transition:** Successfully migrated enterprise identity systems from **Azure AD** to **Okta** & **Microsoft Entra ID**.
- **Reduced Security Incidents:** Implemented **CyberArk** PAM solutions reducing security incidents by 35%.
- **Automated IAM Tasks:** Developed **PowerShell** automation cutting manual effort by 45% and improving operational efficiency.
- **Engineered Multi-Vendor Integration:** Built complex federation between Dell internal **AD** and customer environments using top 10 IAM vendors managing 500K+ customer identities.

Information Technology Support Engineer

Apple Inc | Jan 2015 - Dec 2015 | Austin, TX

Technical Stack: Apple ID systems, **Okta SSO**, **MFA**, **PowerShell** | Enterprise user management

Leadership: Promoted to lead 1st and 2nd shift IT engineering teams within 6 months, managed global identity synchronization.

Leadership Scale: 1st/2nd shift teams (12+ engineers) | 50K+ Apple employees | 1M+ device identities | 40+ countries | 15-tier security levels

Primary Tools Used: Apple ID systems, Okta SSO, Apple MDM, Directory Services, LDAP/Kerberos, PKI certificates, PowerShell automation

- **Deployed Okta SSO and MFA:** Assisted in enterprise SSO implementation reducing support tickets by 30%.
- **Developed Automation Scripts:** Created **PowerShell** scripts for automated user management improving operational efficiency.
- **Built Identity Foundation:** Gained expertise in enterprise identity systems establishing foundation for principal-level career progression.

Lead Robotics Engineer

U.S. Marines | Jan 2013 - Dec 2014 | Baghdad, Iraq

Technical Stack: Robotic systems, IED detection equipment, System integration | 50+ robotic platforms | 100+ combat missions

Leadership: Led 12-person technical team managing 50+ robotic systems, developed training protocols, led 100+ high-risk missions with zero system failures.

Leadership Scale: 12-person technical team | 50+ robotic platforms | 100+ combat missions | 200+ lives saved | $2M+ equipment responsibility | Life-or-death decisions

Primary Tools Used: Military robotic systems, IED detection equipment, EOD platforms, Field modification tools, Real-time monitoring systems, Combat communications

- **Engineered Combat Systems:** Built and maintained 50+ robotic platforms for IED detection, reconnaissance, EOD operations. Technical innovations prevented 200+ casualties.
- **Developed Field Solutions:** Created custom modifications and repair procedures adopted as standard across Marine robotics units.
- **Led High-Risk Operations:** Managed complex system integration during 100+ combat missions with zero system-related failures.

Cryptologic Field Linguist

U.S. Marines | Jan 2010 - Dec 2012 | Baghdad, Iraq

Technical Stack: Intelligence systems, Communication protocols, Translation systems | 500+ intelligence operations | 3 languages

Leadership: Led 6-person specialist team covering intelligence, linguist, cryptologist, communications roles accomplishing 500+ critical missions.

Leadership Scale: 6-person specialist team | 500+ intelligence operations | 3 languages | Classified missions | Life-saving translations | High-stakes negotiations

Primary Tools Used: Intelligence processing systems, Secure communication protocols, Translation software, Cryptologic equipment, Signal analysis tools, Real-time interpretation systems

- **Engineered Communication Systems:** Built real-time translation workflows processing complex military communications supporting life-saving operations.
- **Built Intelligence Processing:** Developed translation systems for 500+ intelligence operations with tactical protocols for high-stakes negotiations.
- **Developed Problem-Solving Methodologies:** Created systematic approaches to complex challenges directly applicable to technical leadership roles.

TECHNOLOGY STACK & CORE COMPETENCIES

Identity & Access Management Platforms

Enterprise IAM: Okta Enterprise/CIAM/Workforce/Customer, **Microsoft AD/Azure AD/Entra ID**, **SailPoint IIQ/IGA**, **CyberArk PAM/EPM/Conjur**, **Ping Identity Suite/Federate/Access**, **RSA SecurID/Archer**, **ForgeRock AM/IDM**, **IBM Security Verify**, **Oracle Identity**, **Saviynt EIC**, **Auth0/Okta Customer Identity**, **AWS IAM/Cognito/SSO**, **Google Cloud Identity/Workspace**, **Delinea Secret Server**, **StrongDM**, **BeyondTrust Password Safe**, **Venafi Trust Protection**, **One Identity Manager**, **Broadcom Symantec IGA**, **EmpowerID**, **Centrify/Delinea**, **HashiCorp Vault**

Cloud & Infrastructure Platforms

Cloud Platforms: AWS/EC2/EKS/Lambda, **Azure/AKS/Functions**, **GCP/GKE/Cloud Run**, **IBM Cloud**, **Multi-cloud federation**, **Hybrid architecture**, **Edge computing**, **Serverless/FaaS**

Infrastructure & DevOps: SCCM, **JAMF Pro**, **Kandji**, **Microsoft Intune**, **Active Directory**, **LDAP**, **DNS/BIND**, **PKI/CA**, **Kubernetes/OpenShift**, **Docker Swarm**, **Helm Charts**, **Istio Service Mesh**

Development & Automation

Programming Languages: Python/Django/Flask, **JavaScript/Node.js/React**, **PowerShell Core**, **Bash/Shell**, **Go/Golang**, **Java/Spring**, **JSON/YAML**, **XML/XSLT**, **SQL/NoSQL**

DevSecOps & Automation: Terraform/IaC, **REST/GraphQL APIs**, **Okta CLI/APIs**, **Ansible/AWX**, **Jenkins/Pipeline**, **GitLab CI/CD**, **GitHub Actions**, **Docker/Podman**, **Kubernetes/Helm**, **ArgoCD/GitOps**

Protocols & Security

Security Protocols: SAML 2.0/ADFS, **OAuth 2.0/2.1/PKCE**, **OpenID Connect**, **LDAP**, **Kerberos**, **RADIUS**, **SCIM 2.0**, **FIDO2/WebAuthn**, **X.509/PKI**, **mTLS**, **JWT/JWE/JWS**, **OpenPolicy Agent**

Network & Zero Trust Security: Cisco ISE/ASA, **Palo Alto Prisma**, **Meraki**, **Zscaler ZIA/ZPA**, **VPN/ZTNA**, **Cloudflare Access**, **BeyondCorp**

Compliance, Governance & Risk Management

Compliance Frameworks: NIST 800-53/CSF, **FISMA**, **FedRAMP High/Moderate**, **SOX**, **PCI-DSS**, **HIPAA**, **GLBA**, **FFIEC**, **ISO 27001/27002**, **SOC 2 Type II**, **GDPR**, **CCPA**, **CMMC**

GRC & Risk Management: Identity governance, Access certification, Risk assessment, Policy enforcement, Automated compliance validation, **Third-party risk management**, **Vendor risk assessment**, **Business continuity planning**

AI/ML, Monitoring & Advanced Analytics

SIEM/Security Analytics: Splunk Enterprise/Cloud, **ELK Stack/Elastic Security**, **Prometheus/Grafana**, **DataDog**, **New Relic**, Real-time alerting, **AI-powered Identity Analytics**, **UEBA**

AI/ML & Security Testing: TensorFlow/PyTorch, **scikit-learn**, Penetration testing, Vulnerability assessment, **SAST/DAST**, Threat modeling, **OWASP Top 10**, Security architecture review, **Red team/Blue team**, **Threat hunting**

KEY PROJECTS & ACHIEVEMENTS SUMMARY

Federal Identity Ecosystem - CISA (2024)

Built IAM, CIAM, PAM, and IGA frameworks across federal agencies serving 12M+ users. Migrated 10,000+ users improving authentication by 200%. Reduced privileged access vulnerabilities by 35%. Designed Zero Trust architecture integrated with CI/CD pipelines.

Enterprise B2B IAM Platform - Ally Financial (2022-2023)

Led IAM implementation for 50M+ users. Developed multi-tenant solution with **Terraform**, **Okta**, **ForgeRock**. Reduced unauthorized access by 50%. Integrated **Workday** automation reducing manual work by 35%. Saved $500K in licensing costs.

Multi-Cloud Identity Integration - National Youth Week (2019-2022)

Integrated **Okta** with 500+ applications reducing support requests by 25%. Deployed across **AWS**, **Office 365**, **Google Workspace**, **Azure**. Implemented **RBAC**/**PAM** reducing risks by 40%.

Global Platform Security - Meta (2018-2019)

Designed IAM blueprints for global standardization. Automated workflows cutting manual efforts by 50%. Integrated Facebook and WhatsApp identity solutions using **Okta** and **Ping Identity**.

Enterprise IAM Transition - Dell (2016-2017)

Led transition from **Azure AD** to **Okta** & **Microsoft Entra ID**. Reduced security incidents by 35% with **CyberArk**. Automated tasks with **PowerShell** cutting manual effort by 45%.

EDUCATION & CERTIFICATIONS

Bachelor's Degree in Computer Engineering & Information Science

University of Technology, Texas | 2008 - 2012 | GPA: 4.0/5.0

Professional Certifications (65+ Total)

Okta Certified Professional - Expires Nov 2025

Identity Access Management (IAM) - IBM - Expires Jan 2028

Ethical Hacker - Cisco - Issued Mar 2024

100W-09 Attack Methodologies - CISA - Issued Mar 2024

CompTIA A+ SE - Hardware/Software Foundation - 2012

CompTIA Network+ - Networking Infrastructure - 2015

Cisco Routing & Switching - Network Architecture - 2018

Google Cloud Security - Cloud Identity Management - 2017

Microsoft Azure Certified - Identity & Access Management - 2019

DHS/CISA Public Trust Clearance - Expires Feb 2030

CISSP - Currently in Progress

65+ Additional LinkedIn Certifications - Various Dates

Recent Specialized Training (2023-2024)

CISA Cybersecurity Certifications (Feb 2024)

100W Cybersecurity Practices for Industrial Control Systems, 210W-01 through 210W-10 ICS Cybersecurity series, ICS Cybersecurity Landscape for Managers

Google AI/ML Certifications (Jun 2023)

Generative AI Fundamentals, Transformer Models and BERT, Image Generation, Responsible AI, Attention Mechanism, Encoder-Decoder Architecture

IBM Cloud Certifications (Jan 2023)

Database as a Service, IBM Virtual Private Cloud (VPC), Watson AI Services - All expire Jan 2028