

KHALID HUSSAIN

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Professional Summary:

IAM Engineer specializing in access management, with expertise in SSO (SAML, OAuth, OIDC), MFA, and identity governance using Okta, Ping Identity/PingFederate, and SailPoint (basic). Skilled in troubleshooting authentication flows (via Postman, SAML tracer) and customizing integrations using Okta/Ping APIs. Proven ability to design secure, scalable IAM solutions that enforce least privilege access and regulatory compliance. Collaborates with cross-functional teams to optimize authentication frameworks, resolve complex access issues, and enhance security posture.

Technical Skills:

Directory Services: Active Directory (AD), LDAP.

IAM Products: Okta, Ping Federate, SailPoint IdentityIQ (Basic), Entra ID.

Operating Systems: Windows, Linux.

Incident Management Tools: ServiceNow, Jira.

Protocols & Standards: SAML 2.0, OAuth 2.0, OpenID Connect, SCIM, LDAP.

Cloud Identity & Access Management: AWS IAM, Azure AD.

Scripting & Automation: PowerShell, Python, Shell Scripting, REST APIs for IAM automation.

Monitoring & Troubleshooting Tools: SAML Tracer, Postman.

Programming Languages: JavaScript, Python, Shell Scripting.

Web Technologies: HTML, XML, React.js, SOAP, REST.

Integrated Apps: Active Directory, LDAP, Salesforce, JDBC, SAP, PeopleSoft, ServiceNow, Workday.

Courses

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|---|----------------|
| – Advanced IAM Engineer and Security Fundamentals - Askmeidentity | 2025 - Present |
| – Introduction to PingFederate - PingIdentity | 2025 - 2025 |
| – Identity and Access Management (IAM) - Packt | 2025 - 2025 |
| – SailPoint Identityiq Training - Academy by connecting dots | 2024 - 2025 |
| – Identity and Access Management: ForgeRock OpenIDM - Udemy | 2024 – 2024 |
| – Foundation: SailPoint Training - SailPoint University | 2024 - 2024 |

Professional Experience

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| Frontend Engineer
Techalphalogix | Aug 2023 – Dec 2024
Gilgit, Pakistan |
| – Built responsive web applications using React.js, Next.js, and TypeScript, ensured cross-browser compatibility, and improved team efficiency through Git-based version control and Agile practices | |
| Cyber Security Intern
Bytewise Limited | Jun 2024 – Sep 2024
Remote, Pakistan |
| – Completed Cybersecurity training, analyzed phishing threats, and used Wireshark for network analysis to strengthen security protocols and enhance threat detection | |
| Junior Frontend Developer
Webloop Pk | Apr 2021 – Jul 2023
Rawalpindi, Pakistan |
| – Developed reusable components for responsive web applications and led a team in WordPress theme customization and SEO, improving website performance and user engagement | |

Projects

Project 1: Okta Identity Cloud: Implementing SSO, MFA & Zero Trust Policies

Tool: Okta

- Configured SSO, MFA, and authentication policies to strengthen identity security.
- Set up Okta Custom Authorization Servers to manage API security policies.
- Simulated Okta support scenarios in a lab, troubleshooting authentication/access issues.
- Acted as Identity Provider (IdP) for SAML-based auth flows in test applications.
- Integrated Okta with Salesforce, ServiceNow, and other SaaS apps for centralized SSO.
- Implemented OAuth 2.0 flows (via Okta API Access Management) to secure APIs.
- Automated ServiceNow access request workflows for provisioning.
- Enforced Zero Trust policies with Okta MFA, device trust, and adaptive auth.
- Managed Okta Directory Integration for Active Directory sync and cloud auth.

Project 2: Federated Identity with PingFederate: SSO, OAuth & MFA Integration

Tools: PingFederate, Ping Identity

- Configured SAML, OAuth, and OpenID Connect (OIDC) auth flows in PingFederate.
- Designed custom authentication policies for enhanced security controls.
- Automated user onboarding, app integrations, and policy enforcement via Ping APIs.
- Established IdP/SP connections for SAML-based authentication in test environments.
- Integrated Salesforce and third-party SaaS apps with Ping for federated SSO.
- Secured mobile apps/APIs using PingFederate (OAuth 2.0, Client Credentials).
- Enforced MFA/Zero Trust by integrating Duo with PingFederate.
- Tested OAuth grant types (Authorization Code, Client Credentials) for API security.

Project 3: SailPoint IdentityIQ: RBAC Implementation & AD User Lifecycle Management

Tools: SailPoint IdentityIQ, Active Directory

- Implemented Role-Based Access Control (RBAC) in SailPoint IdentityIQ.
- Defined roles, entitlements, and policies for granular access governance.
- Integrated IdentityIQ with Active Directory for user provisioning/lifecycle management.
- Validated RBAC policies to ensure compliance with audit/access standards.

Education

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology

Bachelor of Science in Computer Science

Islamabad, Pakistan

2019 - 2023

Language Proficiency

- Languages: English, Urdu, Hindi, German(A1)