# Shadab Nawaz

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Seasoned cyber security professional with 8+ years of experience in Identity & Access Management, cyber strategy, governance, audit, compliance and risk mitigation. Expertise in integrating applications, developing and consuming web services, single sign-on, agile, RFPs, cost & effort estimation, quality review, team management and project management along with cloud technologies like AWS. Working to enhance German language in parallel (currently at B1)

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## SKILLS

- *Identity & Access Management*
- *Solution Architecture & Design*
- *Application Onboarding with OOTB & Custom connector*
- *Workflows, Forms & Quicklinks*
- *Lifecycle events – JMLR*
- *Certification*
- *Reports & Plugins*
- *Custom Workflows*
- *OOTB Product Customization*

- *Custom rules and tasks*
- *Webservices – REST and SOAP*
- *Migration, Upgrade & Support*
- *Business, Functional & Technical Analyst*
- *Automated frameworks*
- *RBAC & ABAC*
- *Requirements Gathering (SDLC)*
- *Regulatory & Compliance*
- *Audits & Governance*

- *Implementation & Development*
- *Agile & Waterfall*
- *Stakeholder Management*
- *Project and timeline planning*
- *Project Management*
- *Cost & Effort estimation*
- *Delivery management*
- *Team management*
- *RFPs*

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## PROFESSIONAL EXPERIENCE

### *Senior IAM Consultant at C-IAM Consulting GmbH – Mar 2023 - till date*

**Technical Environment:** ForgeRock AM, SailPoint, Garancy IDM Suite, Entra ID, Oracle, Mainframe (know-how)

**Description:** *Worked with major banking client based out of Germany to enhance IGA scope and capabilities and to revamp 20 years old technical setup with newer IGA products for efficient access review process with audit trails.*

**Key Achievements:**

- *Drafted requirement to revamp 20 years old technological setup*
- *Led discussion and coordinated internally as well as with other vendors to develop automated life cycle events like joiner, mover, leaver and rehire for RACF accounts. This would reduce IT overhead by 50% initially with capability to further reduction by 85% in phases*
- *Worked with lead external auditor for yearly critical audits*
- *Requirement gathering on various issues in current setup and suggested enhancement path*

### *Senior Solution Advisor at Deloitte – Dec 2020 – Feb 2023*

**Technical Environment:** *SailPoint IIQ 8.0p1, 8.1p1, 8.1p5, Okta, Tomcat 8.5, RHEL 9.2*

**Description:** *Worked with major insurance client based out of US to widen the scope of IGA capabilities across their technology landscape and reduce overall risk exposure by providing hybrid framework, application onboarding, access request and audit trails to utilize SailPoint to its fullest capacity.*

**Key Achievements:**

- *Onboarded 500+ applications in 18 months with customized level of approval, exceeding deliverables by 300% compared to previous vendors*
- *Plugin for suggestions in access reviews, providing better insights to the certifier in making decisions*
- *Designed, developed and implemented an automated framework to integrate Okta and SharePoint Online based applications to reduce development manhours by 80%*
- *Migrated on-premises SailPoint IIQ to AWS Cloud*

### *Senior Software Engineer at SDG Corporation – Jan 2020 – Dec 2020*

**Technical Environment:** *SailPoint IIQ 7.3p2, 7.4p4, Tomcat 8.5, RHEL*

**Description:** *To setup SailPoint IdentityIQ from scratch to implement IGA to monitor user and their accesses along with birth right provisioning for US, EMEA and APAC regions*

**Key Achievements:**

- *Customized SailPoint's OOTB login flow to introduce End User License Agreement page*
- *Central Password Management for SailPoint IIQ and connected applications leveraging OOTB features, reducing IT overhead by 90%*
- *Plugin to audit changes from debug page, enforcing more effective auditing*
- *SAP SNC Configuration*
- *Automated file read from external server to aggregate contractor details, archive file post aggregation, send mail notification with logs in case of error*
- *Framework for automated role creations based on business requirement, saving $250K annually*
- *Integrated ChatBot in SailPoint IIQ home page*

### *Security Analyst at EY – Aug 2018 – Oct 2019*

**Technical Environment:** *SailPoint IIQ 7.2p2, Tomcat 8.5, MS Server*

**Description:** *To migrate IAM solution from OIM to SailPoint IdentityIQ from scratch to implement IGA to monitor user and their accesses along with birth right provisioning for US, EMEA and APAC regions*

**Key Achievements:**

- *POC for hybrid connector – utilizing JDBC and web services in same connector*
- *CyberArk integration with SailPoint using REST APIs for automated application and safe validation / creation followed by adding members and managing permissions*
- *Created framework for automated onboarding of flat file-based connectors with monitored threshold change, missing, required headers, etc. This helped to onboard 200 flat file applications within 2 months to be audit compliant*

### *Software Engineer at TCS – Aug 2015 – Aug 2018*

**Technical Environment:** *SailPoint IIQ 7.x, Tomcat 8.0, 8.5, RHEL, MS Server*

**Description:** *To optimize IdentityIQ's current state, onboard applications, certify users and meet compliance requirements*

**Key Achievements:**

- *Application onboarding using connectors like DelimitedFile, JDBC, Web, LDAP, Active Directory, etc.*
- *Developed custom reports to meet various needs like role export report, manager hierarchy, break glass accounts, etc.*
- *Developed REST web services for custom connector*
- *Reports using JasperSoft*
- *Bulk extension of last working day for contractors reporting to a manager*
- *Batch request for access request creation during lifecycle events*
- *Onboarded ServiceNow as an application for ticket generation*

## TECHNICAL SKILLS

- *Security suite of products: SailPoint IIQ 7.x, 8.0, 8.1, 8.2, Okta*
- *Authentication and Authorization tools: OAuth, SAML2.0, JWT, SSO*
- *Directory Services: MS Active Directory, Entra ID and Sun One Directory*
- *Application and Web Servers: Tomcat, JBoss*
- *Programming Languages: Java, C, C++*
- *Frameworks: Spring MVC, JSF, JSP, Servlet*
- *Scripting & Web: JavaScript, BeanShell, Shell, HTML, XHTML, jQuery, CSS*
- *Ticketing tools: ServiceNow, JIRA, BMC Remedy*
- *Operating Systems: Windows and LINUX*
- *Databases: Oracle, MS SQL, DB2, MySQL, MariaDB*
- *Tools: Eclipse, IntelliJ, SQL Developer, SOAP, Postman*
- *Cloud Technologies: AWS*
- *Code repository: GitHub, SVN*

## CERTIFICATIONS & TRAINING

*Garancy - Implementation Training - Beta Systems IAM Software AG*
*Garancy - Product Overview-Beta Systems IAM Software AG*
*Certified AWS Solution Architect – Associate*
*Certified AWS Cloud Practitioner*
*Certified CyberArk Trustee*

## *Major activities, roles and responsibilities throughout different organizations*

- Key member in client business strategy meetings to discuss and improve overall IAM structure
- Coordinate with various stakeholders and vendors to analyze current state and draft future state requirement
- Manage, guide and work with various teams to implement and deliver the solutions.
- Design architecture, configuration and customization on implementation quality
- Cost and effort management for teams working from multiple geographies
- Project and timeline management in coordination with multiple vendor organizations
- Developed and integrated ChatBot at IIQ home page
- Application onboarding using connectors like DelimitedFile, JDBC, Webservices, Okta, Active Directory, SAP, Salesforce, Yammer, SharePoint Online, LDAP, SunOne - Direct, etc.
- Plugin for customized Identity AI like suggestion in access reviews, central task result monitoring dashboard, extending policy violation acceptance time with comments, auditing changes through debug page
- Customized SailPoint's OOTB login flow to add End User License Agreement using XHTML, JSF, Spring, etc.

- Utilized OOTB feature for local IIQ Password Management and for connected applications
- Automated file read from external server for contractor details to aggregate into SailPoint and post aggregation clean up on success, send notification and keep error logs otherwise
- JDBC application onboarding framework with configurable entries for provisioning and deprovisioning queries, stored procedures and API calls
- Created framework for automated onboarding of flat file-based connectors with monitored threshold change, missing required headers, etc.
- Automated application onboarding framework for Okta and SharePoint Online connectors
- Custom multi-level approval framework for roles and entitlements access request
- Joiner, Mover, Leaver and Rehire workflows and custom lifecycle events
- Birth right access provisioning and lifecycle management
- Developed and worked with custom and hybrid connectors
- Developed and consumed REST and SOAP APIs
- Custom rules, workflows, forms and quick links, task definitions and reports
- Certification rules and customization to introduce new extended columns for better decision making in access review
- Developed custom reports to meet various needs like role export report, manager hierarchy, break glass accounts, etc.
- Performed POC for hybrid connector – utilizing JDBC and web services in same connector
- CyberArk integration using REST APIs for automated application and safe validation / creation followed by adding members to the safe
- Set up SSF framework for lifecycle events
- Installation and upgrade
- Localization and branding, batch request
- Create the design, implementation and deployment runbook for applications
- Okta policies for users at group and application level, including password policies
- Reports using JasperSoft