**SHASHANK N  
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**SailPoint Developer/IAM ENGINEER**

**Professional Summary**

* Extensive experience with maintaining and enhancing SailPoint IdentityIQ installation in large company. Created and modified many applications and rules within the system. Played major roles in more than one version upgrade.
* Experienced in IAM (Identity and Access Management) and responsible to install, integrate and deploy the IdentityIQ OR Identity Now product in client environments.
* Extensive experience in financial and access management projects.
* SailPoint Identity Now Implementation strategized and implemented Identity and Access Management solutions for the client to strengthen the security posture and increase usability
* Worked with Active Directory, LDAP/UNIX groups, Networks, Human Resource systems for Identity and Access Management.
* Experienced Identity Access Management professional in the implementation of Access Review and Provisioning solution
* Managed projects for design, configuration, and implementation of SailPoint IIQ, including coordinating with vendor leadership, technical services leadership, and end user customers.
* Understanding of directories (AD/LDAP) and group structures, policies, SAML 2.0, Frame set up for enterprise level Role mining, Role Based Access Control (RBAC), Multi Factor Authentication (MFA), Single Sign on (SSO), PAM (Privileged Account Management)/ (Privileged Identity Management), Entitlement Management and Identity Management.
* Excellent knowledge and experience in implementing user provisioning credential management, workflows, forms, application integration, connectors, reports, and roles.
* Provided use cases and business processes for support groups on role, entitlement, provisioning and de - provisioning.
* Worked on the scrum team responsible for UI components in Identity Now, a cloud-based identity
* management and governance solution
* Implemented web-tier MVC module using the Struts framework and various technologies such as JSP, JavaScript, and Servlets.
* Established standards, designs and implementation of appropriate identity and access management processes and controls which help improve operations and lower risk.
* Performed data analytics to ensure data is accurate prior to staging and activating certifications.
* Served as liaison between platform, technical and business teams for end-to-end business process.
* Provisioning and access governance experience with and understanding of security on systems such as AD, LDAP/Unix, Oracle, and manual provisioned applications.
* Direct provisioning using direct connectors for integration of target applications
* Developed Custom java classes in IIQ.
* Performed Integration with multiple applications such as AD, Exchange, RDBMS, Flat File & LDAP. Upgraded SailPoint from 5.5 to 6.X.
* integrated feature flags application within SailPoint's SaaS product Identity Now. The app selectively enables and disables features at a very fine grain as well as enabling features for a percentage of users for operational
* Prepared business process models used Visio to create use case diagrams.
* Determined user/business/functional requirements.
* Gather, document, validate access review requirements and processes
* Excellent knowledge in profile-based security, structural authorizations, Central User Administration, Computer Aided Test Tool (ECATT/SECATT), Segregation of Duties (SOD), SAP Governance Risk and Compliance, troubleshooting user level problems to properly access the servers and managed security throughout the SAP landscapes.
* Extensive knowledge in Java, J2EE, Java SE, STRUTS, SPRINGS, EJB, Servlets, JDBC, Java Beans
* Working knowledge of Java Web Services with real time knowledge using SOAP, OAuth 2.0, and REST.
* Strong experience in RDBMS technologies like SQL, Sub Queries, Stored Procedures, Triggers,
* Have excellent technical leadership, analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels and can work as a part of a team as well as independently.

**SKILLS**:

* Information Security
* PAM Tools: SailPoint, Beyond Trust
* Identity Access Management
* Risk Assessment
* Compliance: NIST, SOC2, SOX, ISO27k

**Professional Experience**

**SailPoint Developer/IAM ENGINEER**

**BNY Mellon  October 2022 to Present**

New York, United States

**Responsibilities:**

* Design implemented a solution which manage the Identity lifecycle of almost all applications with the enterprise, without directly controlling the identity store within the application.
* Partnered with leadership to design and implement the enterprise PAM program, successfully reducing technology risk.
* Led the architecture and implementation of enterprise-wide PAM tools, driving key initiatives to enhance security.
* Actively identified, evaluated, and made decisions on new and emerging PAM technologies, keeping the company at the forefront of security technology.
* Successfully integrated PAM systems with various applications for lifecycle management, provisioning, authentication, and developed connectors between system resources.
* Acted as a domain expert on PAM technology, strategy, and integration execution, providing guidance to IT and business teams.
* Enhanced standards and approaches for secure integration of PAM solutions, improving overall system security.
* Orchestrated the successful integration of BeyondTrust with Identity Stores (Microsoft AD).
* Conducted quality assurance testing for production applications and software upgrades, ensuring optimal performance and security.
* Assisted diverse IT and business teams with PAM integrations via a risk-based approach, enhancing overall system security.
* Development of identity federation connectors from SailPoint to target systems, along with subsequent access control by Secure AUTH.
* Ensure requirements gathered, processes defined, and use cases documented follow out of the box configuration vs. customization as much as possible.
* Develop SailPoint deployment and solution architectures
* Managed the integration of AWS IAM with external identity providers (IdPs) such as Active Directory and Okta.
* Utilized AWS services like AWS Config, CloudTrail, and Security Hub to monitor and analyze IAM-related activities and maintain security posture.
* Experience in building policies for access control and user profiles using AWS IAM, S3 controls with bucket policies.
* Created roles for the users and groups to assume the temporary access to the services like EC2, S3, RDS and DynamoDB using AWS IAM Service.
* Participate in all SailPoint deployment activities - connector configuration, custom rule development, workflow configuration and development, third party system integration.
* Involved in creating custom reports, certifications to cater various data feeds.
* Achieved SOX and PCI compliance by building a flexible and scalable framework to provide authentication and authorization services while supporting rules/roles/languages requirements for various international countries.
* Design and Implement data import of various types of data files from internal and external target sources for validating access levels.
* Created a Registry for important information on all applications.
* Participate in and/or User Acceptance Testing and bug-related reengineering efforts
* Perform Installation and configuration of SailPoint IdentityIQ
* Develop custom SailPoint Build Map Rules and Workflows as per the business needs.
* Setup applications Active Directory, LDAP, Oracle, and Flat Files.
* Providing solutions for the changing business requirements.
* Implement REST classes using SailPoint Rest Application.
* Using IIQ Console for operations such as checkout, import, connector Debug etc.,
* Used IQ Service as part Identity IQ for Active Directory (AD) provisioning.
* Setup direct connectors for AD, LDAP, MySQL, Oracle, EPIC
* Managed Kubernetes RBAC,secrets, and configmaps.
* Strong knowledge on AWS KMS, Security Groups, NACL and other security components.
* Configuration of Roles, Policies and Certifications for governance compliance
* Build and Configure SailPoint in-built tasks like aggregation, ID refresh, schedule tasks, correlation, etc.
* Configuration and development of SailPoint Life Cycle Events (LCM)
* Customizing and branding of SailPoint solution.
* Provide knowledge transfer and postproduction support activities, as necessary.

**Environment**: Java SE, JSP, Tomcat 8, PowerShell Script XML, HTML, CSS, SailPoint Identity IQ 6.x, 7.0,7.0p2.

**SailPoint Developer**

**Ameriprise Financial Services, LLC** July 2020 – Sept 2022

Minneapolis, Minnesota, United States

**Responsibilities:**

* Highly dynamic environment with sprint teams using agile methodology.
* Involved in the development of Solution Design Overview document and technical document.
* Development of identity federation connectors from SailPoint to target systems, along with subsequent access control by Secure AUTH.
* Created Custom tasks, Custom Objects to update the entities in the system which are scheduled every week.
* Managing the user account by assigning and minimizing the roles to the various AWS services through IAM.
* Deployed applications into the AWS cloud using Amazon EC2, VPC (Virtual Private Cloud), IAM (Identity and Access Management), AWS S3, Glacier, Cloud Watch, Cloud Trail and Route 53.
* Built Joiner, Mover, and Leaver workflows to maintain user accounts
* Involved in creating custom reports, certifications to cater various data feeds.
* Participated in all SailPoint deployment activities - connector configuration, custom rule development.
* workflow configuration and development, third party system integration.
* Analysis of the specifications provided by the client and help Project Manager to estimate the effort required
* Developed Rules like Build Map, Correlation, Exclusion, Policy Violation, Policy Formatting etc., as part of connector development.
* Performed two upgrade cycles of entire Identity IQ installation (versions 5.1p10->6.1 and 6.1->6.1p4)
* On boarded different applications into SailPoint IDM. Integrated SailPoint with IBM Tivoli IDM for importing roles into SailPoint System.
* Managed client requirements and configured SailPoint IIQ connectors.
* Configuring the Applications (Authoritative and Non-Authoritative) using AD, Flat file, JDBC and LDAP connectors to load the Identity Cubes.
* Applied Bundled Patch sets and OIM Merge Patch on OIM using O-patch utility.
* Performed Access re-certification, automatic manual remediation for applications managed by SailPoint for Employees and Contractors. Created numerous application definitions and associated rules to allow Identity IQ (IIQ) to retrieve access data. Main development was done in Bean Shell with occasional work in Java.
* Connector types used included: JDBC, AD/LDAP, Windows, Unix/Linux, Delimited File, SAP, Logical
* Provide SailPoint application consulting and development support to consumer applications as required.
* Designed and implemented custom solution for end users to request IdentityIQ capabilities following proper approval and auditing process. This feature is not available to end users by out of box.
* Recommended technical solution to fine tune performance in few of the out of box SailPoint component.
* Developed several custom reports using the Identity IQ (IIQ) reporting system.
* Created and maintained utility programs in Java and Groovy to assist in day-to-day processing and maintenance.
* Designed and implemented solutions which manage the Identity lifecycle of almost all applications with the enterprise, without directly controlling the identity store within the application.
* Performed unit testing and involved in bug fixing of the applications and actively involved in production related issues.

**Environment**: Java, Bean Shell, JavaScript, SailPoint 6.x, OIM, Clear Case, Clear Quest, MS Access, Sybase, Visio, Excel, and SQL (TOAD), Active Directory, LDAP, Oracle10g, MySQL, XML, Flat Files, Web services.

**SailPoint Engineer**

**Cardinal Health July 2018 to July 2020**

**Dublin, Ohio**

**Responsibilities:**

* Implemented and Customized Manage Access and Manage Identity modules as per customer requirements in SailPoint IIQ.
* Identify and evaluate business and technology risks, internal controls which mitigate risks and related opportunities for internal control improvement.
* Design roles and groups using AWS Identity and Access Management (IAM).
* Used IAM to create and manage AWS users and groups, and use permissions to allow and deny their access to AWS resources.
* Designed and developed the application using Java Server Faces (JSF) framework and Struts framework.
* On boarded flat file applications like HR-Employees.
* Developed Service Now Custom Connector with SailPoint which tracks the ticketing system in Service Now and returning ticket status to SailPoint.
* Interacting with the clients for requirements.
* Developed custom approval workflows for provisioning Role Based Access Control (RBAC) entitlements
* Involved in creating Certification, custom reports, to cater various data feeds.
* Planning and rolling out of phase wise implementation of recertification applications globally.
* Integrated web service-based applications to authenticate and authorize users based on their access and data in SailPoint IIQ.
* Involved in adding direct connectors for Active Directory, LDAP, Exchange Online, Box and UNIX.
* Customized workflows as per client needs.
* Worked on Provisioning use case development, role definition, building to meet compliance controls, and IAM governance.
* Tested build map rules, creation rules and customization rules to create Employee and Contractor user accounts in SailPoint from their current application’s exported feed files
* Worked on customizing connectors, workflows, forms, rules, policies, report etc. in IIQ for testing purpose.
* Documenting and maintaining the audit communications, metrics, and recertification artifacts.
* Developed the rules like build map, correlation, and manager correlation rules.

**Environment**: SailPoint IIQ 7.0, 6.4, XHTML, HTML, CSS, Java Script, Bean shell scripting, Apache Tomcat 7.0, SQL, UNIX, db2.

**Sail Point Developer**

**Cryptograph Technologies,** **June 2015 to July 2018**

**Bengaluru, Karnataka, India**

**Responsibilities:**

* Custom Quick Link for creating workgroup in IIQ.
* Worked on different application connectors like Active Directory, UNIX, and Delimited.
* Developed Build Map rules, Pre-Iterate rules and Customization rules.
* Worked on various Certifications and corresponding rules.
* Coordinating with the Team for fixing the issues and reassigning the issues back to QA team for verification and closure.
* Pending work Item Live Report.
* Entitlement Provisioning Customization
* Worked on leading IAM concepts such as Least Privilege, Privileged Access, Roles and Data Mining, Segregation of Duty, and Role Based Access Control (RBAC).
* Participate in all SailPoint deployment activities - connector configuration, custom rule development, workflow configuration and development, third party system integration, including designing custom connector.
* Responsible for system maintenance and adherence to compliance rule sand also check the user level accesses via SailPoint.
* Design implemented a solution which manage the Identity lifecycle of almost all applications with the enterprise, without directly controlling the identity store within the application.
* Integrated BMC Remedy into SailPoint.
* Involved in creating custom reports, certifications to cater various data feeds.
* Design and Implement data import of various types of data files from internal and external target sources for validating access levels.
* Perform Installation and configuration of SailPoint IdentityIQ.
* Develop custom SailPoint Build Map Rules and Workflows as per the business needs.
* Setup applications Active Directory, LDAP, Oracle, and Flat Files.
* Implement REST classes using SailPoint Rest Application.
* Using IIQ Console for operations such as checkout, import, connector Debug etc.,
* Customizing and branding of SailPoint solution.
* Provide knowledge transfer and postproduction support activities, as necessary.
* Involved in design, architecture, and implementation of multiple enterprise level Identity & Access Management solutions.

**Environment**: SailPoint Identity IQ 6.4, 7.0, LDAP, Active Directory, Java 1.8, My SQL, XML, WebSphere 8.0, Hibernate 4.3.5, Rational Application Developer 10, UNIX, Log4J, Maven 2.0.4, REST Web services