Swapnil Patil

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Professional Summary

- 6 years as a IAM specialist with a focus on designing and implementing robust identity and access management solutions.
- Proficiency across ForgeRock suite including OpenAM, OpenDJ, Access Gateway, and Identity Management.
- Skilled in deploying and configuring SSO, Federation, SAML 2.0, OAuth 2.0, and OIDC protocols for seamless authentication.
- Experienced in troubleshooting, optimizing system performance, and delivering expert support.
- Acknowledged for introducing innovative solutions that enhance efficiency and bolster security within ForgeRock environments.
- Experienced in conducting comprehensive training sessions, meticulous documentation, and keeping abreast of the latest ForgeRock releases and industry trends.
- Proficient in deploying and managing ForgeRock IAM solutions in both SaaS and on-premises environments, ensuring flexibility and scalability for clients
- Hands-on experience in installing and configuring Webagent installations and proficient in JavaScript.
- Expertise encompasses configuring Password management, Single Sign-On, Access certification, Provisioning, and governance within Identity Now.
- Utilized ForgeRock Monitoring tools and JMX for effective system monitoring and performance optimization.
- Successfully integrated ForgeRock solutions with diverse third-party applications, ensuring seamless interoperability.
- Actively engaged in staying informed about the latest ForgeRock releases, adhering to security best practices, and monitoring industry trends.
- Collaborated closely with security and compliance teams to ensure adherence to industry standards and regulations.
- In-depth exploration of ForgeRock's product suite, encompassing modern identity management facets like single sign-on (SSO), adaptive authentication, and user consent management.
- Overcame integration hurdles by configuring custom authentication flows and guaranteeing seamless user experiences through collaboration with ForgeRock's support team.
- Proficient in configuring Repository Configuration Service (RCS) with various data stores including MySQL, LDAP, and MongoDB.
- Experienced in implementing ForgeRock solutions within clients' on-premises infrastructures, addressing security, scalability, and integration requirements effectively.
- Recognized for providing thought leadership in the IAM space, staying abreast of emerging technologies and best practices to drive continuous improvement.
- Proficient in developing custom integrations and extensions for ForgeRock products to extend functionality and meet specific business needs.
- Dedicated to maintaining a high level of professionalism and integrity in all interactions, fostering trust and collaboration among team members and clients.

Technical Skills

Integration Tools	Identity Gateways, Identity Management Connectors, Identity Gateway Connectors, Identity Management Scripting
IAM Servers and Products	ForgeRock stack (including OpenIDM, OpenAM, and OpenDJ), Ping (IdentityIQ), LDAP, Okta, Auth0, ENTRA ID, SDKs.
Reporting Tools	Tableau, Microsoft PowerBI, BIRT Reports, Jasper Reports
Application Servers	Apache Tomcat, WebSphere 7.x, 8.x, WebLogic
Databases	Oracle, DB2, SQL Server, MySQL, PostgreSQL, MongoDB
Programming Languages	Java, Core Java, SQL, JavaScript, PL/SQL, C, C++.
Web Technologies	JavaScript, Bootstrap, AJAX, XML, XHTML, CSS, AngularJS, Node.js, HTML
Cloud services	Azure, AWS, EC2, S3, RDS, CloudWatch, ELK, Kubernetes, PCF
Version Control	Git, CVS, SVN, ClearCase
Methodologies	Basics of – (Agile, Scrum, Test-Driven Development)
Spring Frameworks	Spring IOC, Spring Batch, Spring Boot, Spring Security, Spring Cloud

Professional Experience

Entergy

ForgeRock Developer- (Remote)   **February 2023 - present**

- Design, develop, and implement robust Identity and Access Management (IAM) solutions using ForgeRock products.
- Customize ForgeRock components such as OpenAM, OpenDJ, and Access Management to meet specific business requirements.
- Develop authentication and authorization workflows, including Single Sign-On (SSO), MultiFactor Authentication (MFA), and Federation using SAML, OAuth, and OIDC protocols.
- Integrate ForgeRock solutions with various third-party applications and systems, ensuring seamless interoperability.
- Collaborate with cross-functional teams to gather requirements, design IAM architectures, and implement solutions that align with business goals.
- Write custom scripts and extensions to extend the functionality of ForgeRock products and integrate them into existing infrastructure.
- Conduct code reviews, unit testing, and troubleshooting to ensure the quality and reliability of IAM solutions.
- Document technical specifications, architecture diagrams, and implementation details for IAM projects.
- Provide technical support and assistance to clients during implementation, customization, and maintenance phases of ForgeRock deployments.
- Participate in training sessions, workshops, and certifications to continuously improve skills and expertise in ForgeRock technologies.
- Collaborate with security and compliance teams to ensure ForgeRock solutions adhere to industry standards and regulations.
- Act as a subject matter expert (SME) on ForgeRock products and solutions, providing thought leadership and expertise to internal teams and external stakeholders.

Targa Resources
IAM Engineer (Associate) – (Remote)　　　　　　　　**June 2022 – December 2022**

- Implemented and managed ForgeRock IAM solution for multiple applications, ensuring secure access management and overseeing the successful migration from SailPoint to ForgeRock Identity Cloud.
- Executed IAM configurations, user provisioning, Single Sign-on, directory services, and access certification for various applications, both during the migration from SailPoint to ForgeRock and post-migration.
- Deployed federation solutions with SAML 2.0 and ForgeRock Identity Platform for seamless access across systems, particularly focusing on integrating systems during the transition from SailPoint to ForgeRock Identity Cloud.
- Utilized ForgeRock Access Management policies to authorize user access to protected resources, ensuring security measures were in place throughout the migration from SailPoint.
- Collaborated with security teams to define and enforce policies, employing features like riskbased authentication, MFA, and adaptive authentication within ForgeRock Access Management, especially during the transition from SailPoint.
- Assisted in implementing IAM policies, realms, rules, and responses for dynamic access control across applications, ensuring alignment with ForgeRock Identity Cloud standards postmigration from SailPoint.
- Participated in regular audits and assessments of IAM configurations to ensure compliance with industry standards and regulations, particularly focusing on ForgeRock Identity Cloud postmigration.
- Provided support for IAM-related inquiries, offering guidance and assistance to cross-functional teams, especially during the SailPoint to ForgeRock transition.
- Assisted in IAM integration projects for new applications, ensuring alignment with business requirements and security standards within the ForgeRock Identity Cloud environment postmigration from SailPoint.
- Contributed to the documentation of IAM processes, configurations, and troubleshooting procedures, including updates related to the migration to ForgeRock Identity Cloud from SailPoint.
- Participated in user training sessions on IAM best practices, security protocols, and tools to enhance overall awareness and adherence to IAM policies, including those specific to ForgeRock Identity Cloud post-migration from SailPoint.

Accenture India, Pune
IAM Solution Engineer　　　　　　　　　　　　**July 2019 – December 2021**
Enabled secure access to applications, systems, and data through advanced authentication methods facilitated by IAM solutions.

- Managed privileged access distribution and oversight, integrating OAuth and SAML for secure authentication and authorization.
- Adapted tasks dynamically in a distributed team environment, utilizing IAM technologies like LDAP and OAuth for user authentication and authorization.
- Assessed and mitigated risks, enhancing internal controls through IAM tools like ForgeRock's OpenAM and OpenDJ, integrating OAuth and SAML.

- Designed, implemented, and maintained robust Identity & Access Management solutions, integrating OAuth and OIDC alongside ForgeRock's OpenAM and OpenDJ.
- Communicated technical aspects of IAM support effectively, leveraging SSO, LDAP, and OAuth for user access management and authentication.
- Employed technology-driven methodologies, incorporating OAuth and OIDC for secure identity management.
- Installed, integrated, and deployed ForgeRock's IAM suite in diverse client environments, ensuring seamless integration with OAuth and SAML for single sign-on.
- Oversaw projects through the system development lifecycle, utilizing IAM tools like OAuth and SSO for effective project management and authentication.
- Integrated IAM tools into information system architecture, ensuring seamless identity management, access control, and governance, including OAuth, SAML, and LDAP.
- Applied programming expertise in Java, JavaScript, JSP/Servlets, and SQL alongside IAM tools like OAuth and SSO for system development.
- Obtained and maintained required security clearances for handling IAM projects and tools effectively, including expertise in OAuth and OIDC standards.

Twopir Technology & Consulting, Pune INDIA
IAM Associate Engineer (intern)   **November 2018 – July 2019**
IAM Support Apprentice.   **August 2017 – November 2018**
- Provided tiered technical support for clients, diagnosing and resolving identity and access management (IAM) configuration issues with solutions like Ping IdentityIQ.
- Conducted in-depth troubleshooting of IAM implementations, utilizing log analysis and debugging tools to resolve authentication failures, single sign-on (SSO) issues, and access control discrepancies.
- Collaborated with cross-functional teams to perform comprehensive health checks and performance assessments of IAM deployments, identifying and rectifying configuration discrepancies and optimization opportunities, with exposure to Ping Identity solutions.
- Contributed to the planning and execution of IAM upgrades, patches, and maintenance activities, ensuring seamless integration and minimal disruption to client environments, with a focus on Ping Identity solutions.
- Shadowed senior engineers during on-call rotations, providing assistance in the resolution of critical incidents and participating in post-mortem analyses to enhance incident response procedures.
- Facilitated effective communication with clients, delivering technical assistance and progress updates on support tickets related to IAM solutions, including Ping IdentityIQ, while also documenting resolutions and best practices for future reference.
- Conducted in-depth analysis of customer support trends and usage patterns, identifying areas for enhancement in IAM functionalities, including Ping Identity solutions, and proposing technical improvements to optimize IAM operations.
- Participated in the integration and troubleshooting of ForgeRock Identity Platform, leveraging knowledge to diagnose and resolve authentication and access management issues.
- Collaborated with senior engineers in conducting performance assessments and optimizations for ForgeRock Identity Platform deployments, ensuring optimal scalability and reliability.
- Assisted in the implementation of ForgeRock Identity Platform upgrades and patches, ensuring adherence to best practices and minimal disruption to client environments.