Md Mizanur Rahman

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I am an IAM Engineer with overall 4 years of experience specializing in One Identity Manager, focusing on incident resolution and access control management. With a strong background in full-stack development, I excel in building and optimizing scalable applications using React, Next.js, Angular, and .NET. I have expertise in automating governance processes, designing robust IAM protocols, and integrating Single Sign-On (SSO) and Multi-Factor Authentication (MFA) to enhance enterprise security. My skills in streamlining user lifecycle management and improving system efficiency reflect my commitment to delivering secure and compliant IAM solutions.

SUMMARY

- Engineer tailored One Identity Manager to meet organizational needs, managing access controls, workflows, and entitlements for enhanced security and compliance.
- Implement One Identity Manager's API for custom integration, extending IAM capabilities to align with diverse business requirements and optimizing user lifecycle management.
- Manage compliance and provisioning activities to meet audit requirements, including incident resolution and root cause analysis, ensuring minimal downtime and adherence to security policies.
- Design IAM protocols integrating Single Sign-On (SSO) and Multi-Factor Authentication (MFA) to enhance the security landscape of enterprise environments.
- Lead design and implementation of IAM processes within One Identity, overseeing configuration, policy enforcement, and ensuring robust system performance.
- Specialize in Identity and Access Management (IAM), leveraging advanced proficiency in One Identity Manager to customize connectors, optimize identity processes, and automate governance.
- Develop and deploy custom forms, rules, and workflows within One Identity Manager to enhance user account flexibility and streamline access control.
- Utilize One Identity Manager to automate governance and lifecycle processes, ensuring compliance, efficient access control, and improved user experience.
- Apply IAM best practices to customize One Identity Manager, automating governance workflows for efficient user lifecycle management and access certifications, driving security enhancements and cost savings.
- Develop intuitive user interfaces and robust backend systems using React, Next.js, Angular, .NET, Express.js, and NestJS to deliver scalable and secure enterprise applications.

PROFESSIONAL EXPERIENCE

k53 Tech   **Apr 2023 - Present**
IAM Engineer
- **One Identity Manager:** Managed and configured One Identity Manager, including workflows, policies, and entitlements to align with organizational access control requirements.
- **Access Management:** Implemented and maintained access controls, ensuring compliance with security policies and regulatory standards.
- **Troubleshooting & Root Cause Analysis:** Conducted thorough troubleshooting and root cause analysis for IAM issues, improving system stability and reducing recurring incidents.
- **Process Documentation:** Created detailed documentation of incident resolutions, processes, and best practices to support continuous improvement and knowledge sharing within the team.
- **Collaboration with Stakeholders:** Collaborated with cross-functional teams, including security, IT, and business units, to ensure that IAM solutions met business needs and compliance requirements.
- **Automation & Optimization:** Automated routine IAM tasks and workflows using One Identity tools, enhancing efficiency and reducing manual errors.
- **User Support & Training:** Provided support and training to end-users and IT staff on IAM processes and best practices, ensuring smooth operation and adherence to security protocols.

Dotpot iT   **Nov 2021 - Mar 2023**
Full Stack Developer
- **Lead Full-Stack Development Projects:** Ensure end-to-end solutions for clients, delivering high-quality software products on time and within budget.
- **Frontend Development:** Expertise in solving complex challenges using React and Next.js, ensuring responsive and dynamic user interfaces optimized for performance and user experience.
- **Backend Development:** Proficient in Express.js and Nest.js, utilizing both JavaScript and TypeScript to build scalable, maintainable, and secure server-side applications.
- **Angular:** Experienced in building scalable and maintainable web applications using Angular, enhancing the frontend with a strong architecture and seamless data binding.
- **.NET:** Skilled in backend development with .NET, enabling robust and secure server-side applications tailored to meet enterprise-level requirements.
- **Mobile Development:** Proficient in React Native for cross-platform mobile app development, delivering seamless experiences across Android and iOS with a focus on performance and usability.
- **API Development & Integration:** Developed and integrated RESTful APIs, ensuring seamless communication between frontend and backend systems.
- **Database Management:** Experienced in designing and managing relational and NoSQL databases, ensuring data integrity and optimized performance.
- **Cloud Services:** Deployed and managed applications using cloud services like AWS and Azure, ensuring scalability and high availability.
- **Deployment & Optimization:** Deploy projects on VPS with Ubuntu OS, configured with Nginx for optimal performance, reliability, and security.
- **Version Control & CI/CD:** Proficient in using Git for version control and implementing continuous integration/continuous deployment (CI/CD) pipelines to streamline development processes.
- **Mentorship & Leadership:** Mentor junior software engineers, providing guidance, solving problems, and fostering a collaborative environment to enhance team productivity and innovation.
- **Client Communication:** Engage with clients, participate in meetings, gather requirements, and ensure that all project deliverables align with client expectations and business goals.

Zaynax Health   **Nov 2020 - Oct 2021**
Backend Developer
- **Microservices Development:** Designed, developed, and maintained microservices with a focus on high scalability using NestJS, ensuring efficient and reliable system performance.
- **API Development:** Built scalable and secure APIs, prioritizing data protection and access control, while adhering to best practices in backend architecture.
- **Code Reusability:** Developed reusable code by following programming standards, enhancing maintainability and reducing technical debt.
- **Database Optimization:** Optimized database queries using MongoDB's aggregate pipeline, improving data retrieval performance and ensuring efficient resource usage.

SKILLS

IAM: One Identity Manager, Single Sign-On (SSO), Multi-Factor, Authentication (MFA), Identity Governance, Access Control, Identity Lifecycle Management, Compliance Reporting, Entitlement Management, Role-Based Access Control (RBAC), Automated, Governance Workflows.

Language: JavaScript, TypeScript, Java, C#

Frameworks/Tools: React, Next.js, Angular, Vue.js, Flutter, React Native,
Express.js, , NestJS, Spring Boot, .NET

EDUCATION

BSc In Computer Science & Engineering
Stamford University Bangladesh   **Jan 2017 - Dec 2020**