

Sai Rakesh Vasamsetti

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PROFESSIONAL SUMMARY

Detailed-oriented Security Analyst with over 3 years expertise in Microsoft Azure B2C and identity and access management (IAM). Skilled in configuring authentication flows, custom policies, and security control to enhance user identity protection. Experienced in monitoring, analyzing, and mitigating security risks across cloud environments. Passionate about implementing secure, scalable identity solutions to strengthen cybersecurity posture.

TECHNICAL SKILLS

Programming Languages: Python, XML, HTML, CSS

DevOps & Cloud: Azure Cloud Platform (Entra ID, Azure B2C, IAM, Active Directory, Oracle Identity Manager, Sailpoint)

Core Skills: Problem-solving, Team leadership, Requirement analysis, Project management, Communication, SLA compliance, Multitasking, Knowledge transfer, Continuous learning

Data & Reconciliation: Microsoft Excel, Data Reconciliation, Auditing

Tools & Platforms: Visual Studio, VS Code, Postman, SAML Tracer, ServiceNow, Jira, Microsoft Visio

Other Skills: Debugging, Performance Optimization, Technical Documentation

PROFESSIONAL EXPERIENCE

Ernst and Young Global Delivery Services

January 2022 - March 2025

Cyber Security Analyst 2

Hyderabad, Telangana

- Led the implementation of Microsoft Azure B2C for a major client, automating identity and access management processes to improve security, user experience, and operational efficiency.
- Developed and customized Azure B2C identity integrations, leveraging custom policies, API connectors, and identity providers to enable seamless authentication and access management across diverse systems.
- Designed a real-time user authentication and access notification system using Azure Functions, integrating with Azure B2C identity management to monitor user access requests. Leveraged API connectors and custom policies to track authentication events and trigger instant alerts with 99.9.
- Integrated identity and access management (IAM) service that enables secure authentication for customer-facing applications. It allows businesses to implement custom authentication flows, social and enterprise identity providers, and MFA. Azure B2C provides scalable, secure, and customizable user identity experiences across web and mobile applications.
- Designed and implemented a custom user journey in Azure B2C for children's banking, incorporating parental consent workflows to ensure compliance and security.
- Led client and triage calls, coordinating with stakeholders and technical teams to ensure efficient incident resolution across multiple applications.
- Managed user and group creation and modification in Active Directory, handling access provisioning and deprovisioning to ensure secure and compliant identity management.
- Investigated and analyzed unauthorized access grants and user removals, providing detailed reports to application administrators. Performed entitlement analysis to identify and resolve access issues within applications.

PROJECT EXPERIENCE

Project 1: Providing technical support to client on Unauthorized access

January 2024 - March 2025

Tech Stack: Oracle Identity Manager, ServiceNow

- Managed incident extraction, categorization, and assignment to appropriate teams, ensuring tracking and prompt resolution.
- Led triage calls, providing guidance and actionable solutions to expedite incident resolution within SLA.
- Analyzed and addressed unauthorized access grants and removals along with entitlement issues across applications, coordinating with administrators to ensure security and compliance.
- Conducted root cause analysis on application incidents and collaborated with administrators to implement effective resolutions.
- Worked with cross-functional teams to resolve reconciliation issues, ensuring data accuracy and system integrity.
- Provided detailed incident reports and recommendations to application administrators, facilitating efficient troubleshooting and resolution.
- Led a team in triaging application issues, assigning tasks, and ensuring clear communication for effective resolution.
- Created and updated Standard Operating Procedures (SOPs) to improve clarity on daily tasks, ensuring easy access for leads and team members.

Project 2: Manual Provisioning and De-Provisioning of Access

June 2023 - January 2024

Tech Stack: Active Directory, Sailpoint, ServiceNow

- Created and managed user accounts with attributes in Active Directory, ensuring accurate configuration and secure access.
- Administered user access and group modifications based on business requirements, maintaining compliance with security policies.

- Managed the provisioning process, carefully assigning access based on specific roles and requests, ensuring adherence to security protocols.
- Streamlined the approval process for complex access requests, involving detailed client consultations to understand and meet their needs.
- Monitored and audited Active Directory permissions to identify and mitigate potential security risks.
- Actively participated in client calls to understand access requirements, ensuring provisions met the operational and security needs.
- Maintained strict compliance with service level agreements, prioritizing and expediting requests to meet critical deadlines.
- Provided technical support for user access issues, troubleshooting authentication and authorization problems efficiently.
- Collaborated with clients to address inquiries, provide updates, and ensure smooth access management operations.
- Implemented best practices for identity and access management (IAM), enhancing security and operational efficiency.
- Conducted training sessions for team members, sharing knowledge on various tracks and multi-tasking across different environments to build a versatile and skilled team.

Project 3: Implementing client requirement and user flows on Azure B2C environment January - June 2023

Tech Stack: Azure B2C, Custom policies, HTML, CSS, XML, Blob Storage, Jira

- Led the project and managed client communications, including calls and escalations, ensuring timely resolution and stakeholder alignment.
- Designed and implemented a custom user journey in Azure B2C for kids banking accounts, integrating parental consent workflows and enforcing restricted access controls.
- Designed and implemented Azure Active Directory B2C solutions for secure user authentication and authorization across multiple applications, enhancing user experience and security.
- Developed and managed custom policies in Azure AD B2C to meet specific business requirements, enabling tailored user flows for sign-up, sign-in, and profile management.
- Integrated social identity providers (e.g., Google, Facebook, Microsoft) and custom identity solutions, allowing seamless authentication options for end users and increasing user adoption rates.
- Implemented Multi-Factor Authentication (MFA) in Azure AD B2C using SMS, email, and authenticator apps, enhancing security while providing flexible authentication options.
- Developed custom policies and integrated conditional access to enforce adaptive MFA based on user risk level, location, and device compliance, ensuring a seamless and secure user experience.
- Designed and managed RBAC policies to control access to resources, resulting in improved security posture and minimized unauthorized access risks.
- Integrated Azure Blob Storage with Azure AD B2C to securely store and manage user-related data, custom policies, and authentication logs for improved monitoring and compliance.
- Configured role-based access control and encryption to enhance data security and ensure controlled access to stored information.
- Optimized application performance by leveraging Blob Storage for caching user profile images and metadata, enabling efficient user journey management in Azure AD B2C.

Project 4: Implementing client requirement and user flows on Azure B2C environment August 2022 - January 2023

Tech Stack: Azure B2C, Custom policies, Blob Storage, XML

- Designed and implemented Azure Active Directory B2C solutions for secure user authentication and authorization across multiple applications, enhancing user experience and security.
- Developed and managed custom policies in Azure AD B2C to meet specific business requirements, enabling tailored user flows for sign-up, sign-in, and profile management.
- Designed and implemented Azure Active Directory B2C solutions for secure user authentication and authorization across multiple applications, enhancing user experience and security.
- Designed and implemented various use cases in Azure AD B2C to meet business and security requirements.
- Designed and implemented user journeys for banking, e-commerce, and healthcare flows in Azure AD B2C, ensuring seamless authentication and user experience.
- Developed and managed custom policies in Azure AD B2C to meet specific business requirements, enabling tailored user flows for sign-up, sign-in, and profile management.
- Integrated social identity providers (e.g., Google, Facebook, Microsoft) and custom identity solutions, allowing seamless authentication options for end users and increasing user adoption rates.
- Implemented Multi-Factor Authentication (MFA) in Azure AD B2C to enhance security and protect user identities.
- Configured MFA using SMS, email, and authenticator apps to provide flexible authentication options.
- Developed custom policies to enforce MFA based on user risk level, location, and device compliance.
- Integrated conditional access policies to require MFA for high-risk sign-ins and sensitive transactions.

EDUCATION

Vignan's Institute of Information Technology
Bachelor's in Electrical and Electronics Engineering: GPA: 7.84/10.0

Visakhapatnam, Andhra Pradesh
August 2017 - July 2021

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900)
- Microsoft Azure Data Fundamentals (DP-900)