**Vineet Gupta, CISSP, CCSP**

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**17+ years experience in architecting, developing and deploying Identity Governance and Access Management solutions for Global organizations across financial, healthcare, manufacturing and technology industry.**

**10+ years experience in leading, managing and guiding teams to deliver high quality Enterprise Identity Governace and Access Management solutions.**

**4 years experience in architecting and designing cloud identity solution using Azure Active Directory**

**and cloud technologies to help clients migrate from on-premise to cloud based solutions.**

* Result oriented and end-to-end experience in cloud technologies, identity and access management, strategy development, and cyber security.
* Experienced in defining long term vision, strategy & roadmaps for Enterprise wide identity platform deployment
* Experienced in managing and leading teams across geogrpahy to successfully execute projects and deliver enterprise wide Identity and Access Management solutions to meet compliance & business needs
* Executed numerous multi-years, multi-millions dollars engagements from project inception to planning to developent & deployment to operations
* Equally skilled in upward communciation to excutives to present vision, strategy & roadpmaps and transforming those expecations to executable plans for development & delivery teams
* Analytical, leadership, and management skills to lead and build exceptional teams to achieve outstanding results.
* Strong background across the full life cycle of IT project delivery from planning to post go-live phases.
* Excellent communication, interpersonal and collaboration skills to effectievly work with all stakeholders and customers to deliver work and negotiate priorities
* Skilled and expereienced in working with vendors to allign product roadmap with business priorities and requirements and monitor progress throughout the development process

**Professional Certifications**

**CISSP** (Certified Information Systems Security Professional) 2019

**CCSP** (Certified Cloud Security Professional) 2019

**AWS Solution Architect -** Associate 2019

**AWS Security -** Specialty 2019

**AZ-300 -** Microsoft Azure Architect Technologies2020

**AZ-500** **-** Microsoft Azure Security Technologies 2020

**AZ-304** **-** Microsoft Azure Architect Design 2020

**Industry Skills**

* **Core Skills**: Identity & Access Management, Cloud Governance, Cloud Security Assessment, Solution Architecture, Authentication & Authorization Standards and Protocols e.g., FIDO, OpenID, SAML, OAuth, JWT, Systems Integration, Server Administration, System Performance Analysis, Application Development, Application Deployment, Software Development Lifecycles, Agile Project Management, Security Infrastructure Components, Data Protection Solutions, Zero Trust Architecture
* **Programming Languages**: Java, JavaScript, SQL, XML, SOAP/REST
* **Operating Systems**: Sun/Solaris, Aix, Windows NT/2000, UNIX, Linus, RHEL
* **Database Technologies**: Oracle, DBS, JDBC, SQL, MS Access
* **Application Servers**: WebLogic, WebSphere, Apache Tomcat, JBoss
* **IAM Products**: Oracle Identity & Access Manager, Saviynt, Okta, Azure Active Directory

**Professional Experience**

***Cyber Security Solution Architect*** February 2018-Present

*Solution Architect with a focus on cyber security and Identity & Access Management, consulting with Fortune 500 companies in Asia-Pacific and North America on cyber, cloud & network security and identity & access management projects. Designs, architects, develops, and deploys large-scale cloud and identity transformation engagements for workforce, customer, and privileged user access programs with IAM & Cloud partners (Microsoft, Oracle, Saviynt, Okta) and customer teams*

* Serving as a Cloud and IAM architect for a Fortune 15 Healthcare company to help them through ‘Merger & Acquisition’ by devising plans and roadmaps to migrate their multiple IAM platforms, distributed across geographies, to AWS cloud environment. Architected solution to integrate and co-relate cloud identities in Okta and Azure AD with On-premises Active Directory and provide a seamless Single-Sign on and MFA solution for friction less colleague experience across cloud and legacy on premise applications. Designed data load solution from various legacy applications to cloud IAM platform (Saviynt) and facilitated User Access Reviews to meet compliance requirements. Devised strategies and POVs (point of views) for Role-based and Attribute-based access. Formulated plan for phase-wise migration of Role-based access from legacy platforms to modern cloud solution, which included data transformation & data load strategies. Led a team of 15 people both at onsite and offshore to execute the engagement, which involved requirements gathering, design, implementation, and deployment. Provided necessary guidance to the team in all phases of the engagement with hands-on experience in development and testing process.
* Design and architected a solution to migrate Consumer user identities stored in on-premises LDAP directory to Okta Universal Directory to enable client to switch primary authentication & MFA solution for their consumer portal to Okta’s cloud platform thus removing the need to manage & maintain legacy on-premises infrastructure for Directory Services and Web Access Management solution.
* Served as a Cloud Security Advisor for a Global Software company to help client migrate their workload to Microsoft Azure. Advised client’s IT team on migrating their Enterprise and Partner user identities to Azure Active Directory and establish pass through authentication to provide Single Sign-On across the board. Also, helped client evaluate the benefits of Azure Conditional Access Policy and roll out Azure multi-factor authentication for their Office 365 access. Assisted client’s team put together architecture for Azure AD Application proxy to access internal applications securely and provide Sing Sign-On using Azure AD. Developed cloud deployment strategies using Azure and AWS solutions with C-Suite executives; identifies how a cloud-first strategy can minimize on-premises footprint and provide a robust, reliable, and scalable IT solution to meet client business needs and ensure customer success.
* Served as a Security Architect for one of the biggest Cruise line brands. Helped client conduct a Cyber Maturity Assessment (CMA) to improve their security posture. Mapped client’s current processes and technologies to NIST framework and helped them build plans to deploy Identity Governance and Access Management solutions across the board. Also helped client evaluate different solutions to implement enterprise-wide multi-factor authentication solution to meet shipboard and shore-side requirements and integrate it with existing Web Access Management/SSO deployment. Also worked as a trusted advisor to do ‘Lift& Shift’ migration of some of the legacy applications to Azure using Azure AD Domain services. Managed a global team across US and India offices to come up with a cost-effective strategy for development and deployment which involved careful planning and orchestration of various activities to utilize the team optimally.
* Managed and served as Security Architect at large US financial firm to migrate from legacy IAM platform to latest governance and access management suite. It involved gathering requirements, architecting, and designing solution to serve client’s unique business requirements. Developed the methodologies for integrating strong security governance procedures with an agile Project Management delivery model. Also, as a Security and Process architect, worked with payment service provider to evaluate security maturity model for their DevOps processes. This included evaluation of code base, development process, deployment infrastructure, and associated processes.
* Managing and mentoring 6-person team; working with team members to identify individual career goals and professional development opportunities, and aides them in their growth within the organization. Also involved in hiring and coaching young professionals from colleges and help them get started in Cyber security domain.

***Security Architect*** August 2015-January 2018

*Played Identity and Access Management architect role on multiple engagements during this period. Involved in design, development, and deployment phase of large-scale Identity transformation projects. Closely involved in upward communication with executives and stakeholders to set expectations, define a roadmap to improve security posture through identity governance initiatives.*

* Architected and designed a highly available, scalable, secure, and robust identity governance platform, including development of disaster recovery strategy, defining failover/failback operations. Developed strategies and migration plan from legacy IAM platform to new Identity Governance solution. Sized infrastructure from server capacity to DBs throughput to assist in overall capacity planning and identify overall licensing cost.
* Help client build Dev, Test and Prod environments, configure secure communication between web, application, and database layer. Develop scripts to migrate code & configuration between different environment to automate the DevOps and infrastructure build processes. Started as individual contributor on the engagement and grew the team upto 10 members for future development and integration processes. Worked closely with additional team members for requirement gathering, design and documentation phase; provided guidance and mentorship using interpersonal and collaboration skills to deliver the work effectively.
* Designed End to End solution to provide Role Governance/Role Management capabilities to bridge the gap between Out-of-the-box functionalities and business requirements using REST and Angular JS. Closely involved in developing back-end solution to expose REST based APIs to achieve this integration with-in tight timelines.
* Design and develop strategy and scripts to load Segregation of Duties (SoD) rules (Entitlement vs. Entitlement/Role vs. Role) stored in Excel files to IAM platform SoD model to help client implement a more proactive approach to prevent SoD violations and meet compliance requirements.
* Involved in the process of requirement gathering, developing framework to migrate applications and data to new platform. Designed ETL layer to take raw data from downstream applications and load into relational database tables to integrate with Reconciliation and Reporting capabilities. Developed a DevOps strategy in collaboration with a client to achieve as much configuration and code deployment automation as possible.
* Developed maven-based Java utility for rapid application onboarding using CSV files-based approach to create Application artifacts in IAM platform. Integrated Java utility with Java FX framework for run-time OpenID authentication to eliminate hardcoding of any credentials or tokens during the execution of utility.
* Designed and developed Single-Sign On solution for Employee and Partner portal using Oracle Access Manager for internal and external access. Integrated with Jupiter VPN for IdP initiated (Identity Provider initiated) and SP initiated (Service Provider initiated) Single-Sign On using SAML2.0 protocol. Also developed a custom RSA authentication adapter to extend Oracle Access Manager Single Sign-On capability to support RSA-based hard and soft tokens.
* Installed and integrated Oracle Identity and Access Manager with Oracle Unified Directory to provide a centralized solution for identity management and built a new corporate directory infrastructure for use in authentication and authorization by various business applications in future. Prepare the migration path and strategies to migrate the users, groups, and password from old directory server to new directory server.
* Managed and coordinated on-shore and off-shore teams to deliver technical projects; reviewed design of individual project components, developed individual modules as needed, and reviewed modules developed by the teams
* Developed business process and efficient technical solutions for clients, enabling clients to meet regulatory guidelines and save cost through automation

***Lead Technical Architect*** December 2009-August 2015

* Led large scale 3-year identity transformation initiative for Federal Home Loan Mortgage provider which required POC (Proof of Concepts), requirement gathering, architecting, design and development phases. Closely worked with client stakeholders to select COTS product. Involved in design and development of connectors, workflows, adapters, schedule jobs to automate User life-cycle management to increase efficiency and provide better ROI.
* Led design and development efforts to integrate client’s distributed and complex Unix environment with identity governance platform to meet audit and compliance requirements, including the development of custom Java adapters that can be integrated as a plugin for the client’s COTS products. This integration helped client achieve significant automation to Unix platform and save cost on Unix administration.
* Designed a Java based connector for provisioning to distributed databases across different environments which can provide a single view for reviewers and auditors for all database accesses and permissions and at the same time can leverage extensible connector framework so that new databases can be added seamlessly to this framework.
* Designed an asset management/asset inventory solution for client to manage/add/decommission servers, databases, and their owners, which streamlined the process inventory lifecycle. Also designed backend database to store and audit this information which can be used for reporting and transactional purposes.
* Worked with data modelers to design an organization wide Data-Hub for users, accounts, accesses, permissions for all applications and platforms across the enterprise. This solution enabled several downstream consumers to have a standard view and a common interface to digest users & accounts data and associated permissions for reporting and reconciliation purposes.
* Helped client build a custom user interface for more intuitive UX (user experience) using AJAX and JSP for their Modern Access Control initiative. Designed and developed back-end layer using Java APIs (interfaces, DAO layer) to integrate with front-end user interface.
* Communicated with clients to develop a deep understanding of business requirements, created roadmaps for technical solutions, and designed and developed agreed-upon solutions for client implementation

**Additional Experience**

**Senior Developer**

* Developed custom modules and components to meet client requirements that weren’t met by COTS products, creating technology to bridge the gap between business requirements and technical limitations of the COTS products
* Gathered requirements for individual modules within a large project or implementation, and then independently designed and developed the modules
* Tested independently developed modules to ensure that all requirements and specifications were met; integration-tested the modules with other modules to ensure compatibility and functionality
* Worked with Java, C++, Unix, and PowerShell Scripts

**Education**

**Motilal Nehru National Institute of Technology** – Allahabad, India

***Bachelor of Technology*** in Electronics and Communication Engineering