Ratnesh Pandey

Hybrid Cloud Security Architect

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ABOUT ME

14+ years of experience in IT industry & 5 years's experience as Cloud Security Architect

TECHNOLOGIES

Hybrid Cloud
Azure/AWS/GCP Cloud

Security
Cloud Security & Cyber Security

Virtualization
VMware/Citrix/Microsoft

EUC
AD/AAD/O365/M365/SCCM/Citrix XenApp & XenDesktop

Profile Summary

- Microsoft certified Azure Security Engineer - AZ500
- Microsoft certified Azure Solution Architect AZ -300 & AZ -301
- AWS certified Cloud Solution Architect Associate
- AWS Certified Cloud Solution Architect   Professional
- Google Cloud Architect - Professional (Google Cloud Certified -GCP)
- ITIL V3 Foundation Certified.
- Agile - CSM (Certified Scrum Master)
- Microsoft Certified Technology Specialist (EXAM NUMBER: 070-640).
- Citrix Certified Associate (CCA-N) Citrix NetScaler Certified (Exam Code 1Y0-253)
- Cisco Certified Network Administrator CCNA
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Products and Security Tools worked on

- Active Directory Security (On Premise and Azure)
- Azure AD Connects, IAM, RBAC, PIM & ADFS
- Modern authentication Security (OAuth, OpenID, Okta etc.).
- Azure Security Center & Azure Sentinel
- Azure Key Vault
- Azure DDOS Protection & Azure Information Protection (AIP)
- WAF   Azure/AWS/GCP
- AWS IAM Access Analyzer
- AWS Trusted Advisor & AWS KMS
- AWS Security Hub
- Amazon GuardDuty
- Amazon Inspector & CloudTrail
- GCP Security Scanner
- GCP Cloud Armor
- Cloud access security brokers (CASB)
- Software-defined compute (SDC) security
- SaaS security
- Windows PowerShell Scripting & VMware PowerCLI for automation
- Architecting and validating solution designs for Disaster Recovery of Solutions
- Docker Engine & Kubernetes/ Containerization Security
- CI/CD DevOps pipeline Security Engineering
- Management of Built-in Security control of Azure/Hybrid Cloud Services
- IT Information Security frameworks
- Security Risk analysis of 3rd party software/apps integration with Hybrid Cloud
- Cloud Security (Azure, AWS& GCP)
- Cyber Security

Work Experience

| July 2019-Present | **Wipro Limited (Hybrid Cloud Security Architect)** |

- Assess, design, implement, automate, and document solutions leveraging AWS/Azure/GCP and other third-party solutions
- Install and maintain SIEM and other security tools in cloud environments
- In-depth knowledge of tools and technologies being used in the cloud environment to provide security controls and assessments of the applications
- Serve as a senior cyber security consultant to the various lines of businesses by providing subject matter expertise as it relates to new cloud platforms and emerging cloud technologies
- Educate and communicate cloud security requirements, policies, standards and procedures to business/internal stakeholders as it relates to projects and strategic initiatives
- Provide strategic direction for migration of cloud workloads, infrastructure, business units, business processes and external suppliers for information security risks, identify the potential threats and exposures
- Conduct security architecture reviews of planned cloud migration initiatives across the organization and produce high quality Threat models for cloud environments clearly articulating risks
- Accountable for functional architectures, design specifications and implementation plan for requirements documents, architecture diagrams, solution designs and other written and verbal information for cloud initiatives
- Weigh business needs against security concerns and provide risk-based recommendations to enhance cloud-based information systems security, which are practical and achievable, thereby allowing the Lines of Business to make informed risk decisions related to the cloud platforms.
- Manage system information security architecture, design, installation, operational planning, and risk remediation activities on a global basis.
- Served as a SME for Information Security with a background in computer forensic practices/methodologies and extensive knowledge of penetration testing tools.
- Engineered, designed, and implemented information security controls to ensure the confidentiality, integrity, and availability of corporate data.
- Managed Information Security Risks through coordinating internal Security Risk Assessments and the creation of the Corporate Information Security risk acceptance process.
- Created the enterprise-wide information security architectures, policies, standards, and procedures.
- Possess experience with federal Information security policies, directives, guidelines and practices

- **HCL Technologies (Cloud Security Architect)**

  (Feb-2018 – Jun 2019)

- Work with third party teams and internal development groups to provide guidance and direction on penetration tests and vulnerability scans
- Provide strategic direction and recommendations to development and operational teams to address security weaknesses and identify potential new security solutions in cloud environments
- Represents security interests in development and implementation of the overall global enterprise cloud architecture
- Information security consulting, advisory or training experience, 3 of which are specific to Azure and AWS cloud platforms
- Expert-level knowledge of I/P/SaaS platforms with 3 years demonstrable experience in each deployment model
- Direct experience with information security frameworks including ISO 27002:2005. NIST, PCI and COBIT
- Represent Corporate Information Security in development and implementations of the overall enterprise cloud architecture
- Lead technical forums, serving as both a formal and informal mentor to share knowledge across Information Security and technologies teams
- Manage system information security architecture, design, installation, operational planning, and risk remediation activities on a global basis.
- Served as a SME for Information Security with a background in computer forensic practices/methodologies and extensive knowledge of penetration testing tools.
- Engineered, designed, and implemented information security controls to ensure the confidentiality, integrity, and availability of corporate data.
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- Assess, design, implement, automate, and document solutions leveraging AWS/Azure/GCP and other third-party solutions
- Install and maintain SIEM and other security tools in cloud environments
- In-depth knowledge of tools and technologies being used in the cloud environment to provide security controls and assessments of the applications

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June 2017-Jan 2018

GMS Dubai (Hybrid Cloud Architect)

- Experience in managing cloud environment (e.g. AWS, Azure, GCP)
- Proven record of managing threat and vulnerability management program
- Direct experience designing IAM technologies and services
- Hands-on experience working with AWS
- Experience of security hardening techniques and policy development aligned to Cloud Security standards (e.g. CSA Cloud Control Matrix)
- Experience in risk management processes with ability to evaluate third-party suppliers offering SaaS based cloud solutions
- Strong understanding of data privacy and protection guidelines
- Manage system information security architecture, design, installation, operational planning, and risk remediation activities on a global basis.
- Served as a SME for Information Security with a background in computer forensic practices/methodologies and extensive knowledge of penetration testing tools.
- Engineered, designed, and implemented information security controls to ensure the confidentiality, integrity, and availability of corporate data.
- Managed Information Security Risks through coordinating internal Security Risk Assessments and the creation of the Corporate Information Security risk acceptance process.
- Created the enterprise-wide information security architectures, policies, standards, and procedures.
- Possess experience with federal Information security policies, directives, guidelines and practices

Intel Technology India Pvt Ltd (Hybrid Cloud Architect)
Jun 2016 – April 2017

- Experienced working with Infrastructure as a Service (IaaS)
- Work experience with at least one of the following cloud platforms: Amazon Web Services, Google Cloud Platform, Microsoft Azure, OpenStack, Eucalyptus
- Experience architecting IAM solutions within Microsoft Azure, Amazon Web Services (AWS) and, preferably, other cloud providers
- Experience creating Defense in depth strategies
- Experience with Cloud Security vendors in the IAM, Data Protection, Monitoring, and SaaS provider specific space
- Experience scripting in PowerShell or Python environments
- Experience performing design of integration and deployment architectures for security in Cloud systems
- Experience with Security Architect and/or Engineering
- Manage system information security architecture, design, installation, operational planning, and risk remediation activities on a global basis.
- Served as a SME for Information Security with a background in computer forensic practices/methodologies and extensive knowledge of penetration testing tools.
- Engineered, designed, and implemented information security controls to ensure the confidentiality, integrity, and availability of corporate data.
- Managed Information Security Risks through coordinating internal Security Risk Assessments

HCL Technologies Ltd (Client/Project - Anglo American/De Beers - Global Project)
(July 2013 — May 2016)

· Design, installation, administration, maintenance & monitoring of Citrix XenApp6.5 farms
· Migration and up-gradation of Citrix 4.5/6.0 severs to XenApp and XenDesktop 6.5. Migration and administration Citrix License Server, Profile server, Store Front, Citrix Database and other Citrix Infrastructure Compo- nent.
· Citrix VDI - XenDesktop deployment and administration for 15000 users
· Citrix PVS deployment & administration
· Citrix server virtualization Management from Citrix Xen Server 5.6/6.0
· Deploying the Applications using Citrix Application Streaming technology using Microsoft App-V.
· Troubleshoot issues at all levels including the backend and end user support for the current VDI environment.
· Install, maintain, and support client applications in the VDI (Office 365, Adobe, etc)
· Management of Citrix printing with third party product Thin Print to reduce bandwidth utilization over WAN.
· Citrix NetScaler 10.1/10.5 VPX/MPX/SDX (Deployment, Configuration & support).
· Installations, Administration Management of Microsoft Active Directory Services.
· VMware Vsphere 4x/5x administration of ESXi, Virtual Center Management
· Virtual server instance management on VMware Vsphere
· Monitoring of Citrix Infra (VDI & XenApp environment)

Xavient Software Solutions (Infrastructure Operation Specialist**)**
· (June 2009 – Oct -2010)

HCL Technologies (Client/Project - ITSD 24*7)(Engineer- Service Desk**)**

(Mar 2008 – May -2009)

Progressive Info Vison Pvt Ltd (FMS Engineer)

(Sep-2007 – Mar -2007)

DSI Software India Ltd (Network Engineer**)**

(Feb-2006 – Aug -2006)