NARENDER
VISHWAKARMA

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PROFESSIONAL SUMMARY

Innovative, results oriented professional with **14+ Years** of experience processing visible achievements. To be a part of an organization conducive for career growth, ready to accept challenges and always keen to learn.

As a **Cloud Security Architect,** an expert in design, assessing and mitigating systems to ensuring corporate-wide security and compliance requirement are met across all system and data for enterprise.

SKILLS

- Cloud Security Framework NIST, ISO & Well-Architected Cloud Frameworks
- Compliance controls GDPR, SOX, PCI DSS
- Firewall, IDP/IPS, WAF, SIEM, DLP and Proxy
- MFA, AAA, & Sandboxing
- Security Vulnerability Assessment
- Defense in-depth, CDN
- Malware Detection & Threat Modeling and Risk Analysis

- OWASP, SAST/DAST, IAST & MAST
- Docker, Kubernetes, Windows, Unix/Linus and VMware
- ZAP, Burp Suite, Checkmarks, Kali Linux, Nessus, Nmap, Wireshark

CERTIFICATIONS

- *Certified Information Security Manager (CISM)*
- *AWS Certified Security – Specialty*
- *AWS Certified Solutions Architect – Associate*
- Check Point Certified Security Expert CCSE R75.40
- Check Point Certified Security Administrator CCSA R75.40
- Zscaler Certified Cloud Administrator

- Software Development Methodologies (Agile & Waterfall)
- SecOps, CI/CD Pipeline

💼 Experience

Cloud Security Architect | Axtria
DURATION: 14 MAY - 2020 – PRESENT
Key Responsibilities:

Strategize
Align enterprise system designs and change requirements with the organization's business drivers and capabilities in order to drive customer outcomes.
Manages the evolution of the enterprise application portfolio, as defined by the solutions architecture, from current to future states.

Analyze business-IT environments (run, grow, and transform the business) for deficiencies and recommend improvements (systems of record, differentiation, and innovation).

Leadership & Communication
Monitor the current-state solution portfolio to identify deficiencies through aging of the technologies used by the application, or misalignment with business requirements.
Direct the governance activities associated with ensuring solutions architecture assurance and compliance.
Supporting sales opportunities through their life cycle including qualification, discovery, solution design, customer presentations, business case development & RFP Responses.

Innovation
Understand technology trends and the practical application of existing, new, and emerging technologies to enable new and evolving business and operating models.
Working with the business unit or domain architect, analyse the technology industry, competitors, and market trends, and determine their potential impact on the enterprise.

Architect
Manage and develop Cloud Security Design framework for product and infrastructure to establishing business and technical security requirements for cloud security. Design and Implement the security controls CIS, NIST, ISO, PCI DSS, SOX and vendor security best practices.

Define necessary local principles, guidelines, standards, and solution patterns to ensure solution decisions are aligned with the enterprise's future-state architecture vision.
Facilitate the evaluation and selection of software product standards and services, as well as the design of standard and custom software configurations.

Consult with application and infrastructure development projects to fit systems or infrastructure to architecture and identify security and complicate control in projects to accommodate the solutions architecture.
Identify the organizational impact skills, processes, structures, culture and financial impact of the solutions architecture.

Principal Duties and Responsible:
- Design and lead the implementation of solution architecture across a group of specific products, business applications and technologies based on enterprise business strategy, business capabilities and business requirements.

- Work closely with the PMO to ensure the execution of plans corresponds with what is being promised.
- Work with designers, engineers and developers in a global delivery model to ensure that low level designs are consistent with the specified architecture.
- Extensive and demonstrable experience with cloud providers (AWS, Azure and GCP) and cloud security architecture, governance, and native security controls, including Firewall, NIDS/NIPS, Antivirus, Identity Access Management, SIEM, DevSecOps, Web Application Firewalls, Vulnerability Assessment, Penetration Testing for the cloud platforms
- Implemented security solutions like PaaS Security, DevOps Security, Container and
- Micro services security, API Security, Security Monitoring Analytics
- Design security for a multi-tier architecture solution that is highly available and fault-tolerant using AWS platform services.
- Define requirements for governance, risk management, network, and endpoint security.
- Define requirements for data security, access control, loss prevention, and audit.
- Experience with security architecture and migration to public cloud and private cloud
- Implementation, migration and security review of Kubernetes, Cloud Run, Cloud SQL, Secret Manager and Cloud shell.
- Writing custom Cloud Formation and IAM policies and configuring IAM roles.
- Creating and using Lambda functions, AWS CloudTrail, CloudWatch, Systems Manager, Config, Guard Duty, Inspector, Trusted Advisor, KMS, Kinesis Stream, SNS, SES, Route53 and other AWS services
- Working on to writing a IaaC to automation and management (Python, Terraform, CFTs, and Ansible) cloud deployments
- Integrating and maintaining version control/change management tools (GitLab, GitHub and Subversion)

Enterprise Architect | PricewaterhouseCoopers LLP
DURATION: 20 JAN- 2020 – 13 MAY 2020
Responsible for the creation, maintenance and management of IT architecture models and their lower-level components with following responsivities.

Principal Duties and Responsible:
- Definition, implementation, and execution of the processes for the definition, maintenance, and conformance management of the Enterprise Architecture
- Update and maintenance of the key Enterprise Architecture deliverables
- Establishment and maintenance of contacts within business units and information system programs to understand business activities and business drivers, business requirements, solutions strategies, and alternatives, etc., being considered and/or implemented.
- Architectural leadership in the resolutions of inter-program and inter-project issues.
- Ongoing publicity and communication of Enterprise Architecture both within the information community, and the business units.
- Ongoing research and assessment of new analysis approaches for potential use within Enterprise.

Following deliverables:
- Developing the Enterprise Architecture
- Coordinating all Enterprise Architecture activities locally and globally
- Developing and coordinating Architecture Plans
- Assisting in aligning business and enterprise initiatives with the Enterprise Architecture
- Auditing compliance within the Enterprise Architecture standards
- Serving as advisor to senior business management on business and information integration strategies

Cyber Security Architect | Cognizant Technologies Solutions

DURATION: 20 JUN- 2016 – 17 JAN-2020

Work closely with customers providing technical and security leadership to help protect CTS customers and credit card data from malicious attacks and unauthorized access, providing critical system assessment/audits, architecture security design/review and security awareness training. Align and reinforce business continuity and corporate initiatives through development and compliance management of information security polices and standards in the areas of physical, account, data, corporate services/applications, network and computer systems, application services, systems services, change management, incident response, and data center security.

- Lead and performed assessment for Mergers and Acquisitions (M&A), Transitioning and Transformation project (T&T)
- Lead PCI DSS compliance projects and reduced assessment scope
- Lead security architecture design and assessment for PKI, MFA and WAF infra

Cloud, Cyber Security and Compliance Role

Providing Cloud Hosting Solution to designing solutions based on Private and Shared Cloud service providers (Amazon AWS, Microsoft Azure and VMware Hypervisor).

- RBAC
- NIST SP 800-53 Security Controls
- OAuth, Cloud SSO
- Identity Provisioning,
- Identity Governance,
- Privileged Access and Identity services
- STIG, Fed RAMP, PCI-DSS

Making strategies remediation plan for current threats, attack vectors and using computer forensics concepts and procedures, investigations, collections, evidence handling, analyzing and preserving digital evidence, Data Security, Identity & Access Management System.

- Design security for a multi-tier architecture solution that is highly available and fault-tolerant using AWS platform services.
- Define requirements for governance, risk management, network, and endpoint security.
- Define requirements for data security, access control, loss prevention, and audit.
- Experience with security architecture and migration to public cloud and private cloud
- Implementation of GCP Kubernetes, Cloud Run, Cloud SQL, Secret Manager and Cloud shell.
- Writing custom Cloud Formation and IAM policies and configuring IAM roles.
- Creating and using Lambda functions, AWS CloudTrail, CloudWatch, Systems Manager, Config, Guard Duty, Inspector, Trusted Advisor, KMS, Kinesis Stream, SNS, SES, Route53 and other AWS services
- Hands-on experience on the automation and management tools (Python, Terraform, CFTs, and Ansible) to build cloud environment
- Experience to manage the version control/change management tools (GitLab, GitHub and Subversion)

Security Designer | British Telecom

DURATION: 31 DEC- 2013 – 06 MAY-2016

Responsible for the design of a project with time and cost estimation for the Security Corporate Data Network. Serving the primary resource for the business requirements and networking &

Security standards and ensures that the business requirements satisfy the security of both client and company needs.

Principal Duties and Responsible:

Giving Security Solutions for companies with a robust, comprehensive portfolio of products, services, and expertise to give protection from today's sophisticated advanced threats, viruses and prevent database breaches. Also, maintain security compliances with commercial enterprise and government clients around the globe.

Technical Skills:
- Working to build cloud Infra and SOC solution (Integration Architecting NGFW, Cloud Native Firewalls, EDR, SIEM/SOC integration, F5 LB, Cyber Ark Integration)
- Knowledge on Multi Cloud Security GCP, Azure, Private Cloud (Cloud Migration/Hybrid Migration)
- Working for BFSI customers and implementing compliances like (PCI, GDPR, ISO 27001, ITIL and COBIT Knowledge)
- Strong Architect experience (Security Design, HLD, LLD, Architecture preparation

Security Consultant | Ricoh
DURATION: 24-JAN-2012– 09-AUG-2013
Strong technical Knowledge across security fundamentals of application architectures like authentication and authorization (various authentication mechanisms, tokenization), encryption, Key management, credential management, logging, rate limiting, segregation of application components, zoning, (DMZ/non-DMZ/private/public subnet).

- Knowledge about cloud service providers such as Azure, AWS and GCP and good understanding of the various services offered by them
- In-depth technical Knowledge about various components used in applications like Load balancer, API gateway, WAF, forward and reverse proxies, databases, Web servers, app server.
- Hands-on experience in performing assessments and ability to identify gaps and suggest relevant security controls to fix the identified gaps in applications.
- Review security architecture and data protection controls for on-premises IT applications.
- Review Security architecture and data protection controls for applications deployed in AWS/Azure/OpenStack cloud
- Review security measures for applications deployed on containers and application built using Free and Open Source Systems.
- Review and advice identity and access management system controls.

Security Consultant | Tmen System
DURATION: 17-JAN 2011– JAN 2012

Role Description:

Develop, Review and enforce security policies and procedures related to network/ Application/ Infrastructure/Cloud security architecture.

- Experience in security design and deployment experience for AWS/Azure cloud environment
- Good understanding of security architecture principles such as network segmentation, authentication, authorization, encryption, audit & logging.
- AWS - Security Groups, AWS WAF, Inspector, cloud watch, Shield, Cloud Config, Key management, IAM etc.
- Azure NSG, WAF, Azure API management, Azure security center, Storage security, IAM, etc.
- Experience and understanding of various authentication and authorization mechanism such as SAML/OpenID/OAuth and using various Identity and Access management platform.
- Experience in Security architecture frameworks & design patterns.
- Configured and troubleshot the Cisco ASA, Cisco Meraki, Checkpoint, Juniper (SRX & SSG) FortiGate, Cyberoam, Astaro and Sonicwall firewalls.
- Configured Email Security Appliances (IronPort, Barracuda and TrendMicro, Symantec BrithMail Gateway)
- Configured Server Load Balancer and Link Load Balancer (Citrix and Array Networks)
- Web Content Filtering (IronPort, Websense and TrendMicro)
- Configure and Troubleshooting of Routers, L3-L2 Switches, and Wireless Routers
- Configure Antivirus Server and (Symantec Endpoint Protection, McAfee ePO and Trend Micro)

System Administrator | Esteem Technologies
DURATION: 07-SEP 2008 – JULY 2010
Role Description:

- Configure Firewall and UTM's - Cisco ASA, Checkpoint, Juniper (SRX & SSG) FortiGate, Cyberoam, and Sonicwall.
- Configure Email Security Appliances (Iron Port, Barracuda and TrendMicro, Symantec BrithMail Gateway)
- Configure and Troubleshooting of Cisco, Juniper and Dell (Routers, L3-L2 Switches), and Wireless Routers,
- Configure Antivirus Server (Symantec Endpoint Protection, Trend Micro & McAfee EPO)

DEGREE | SCHOOLING

1. Full Time Diploma in Computer Hardware & Networking Management from Asia Informatics Center NCT Delhi in 2008.
2. Bachelor of Arts from Delhi University North Campus Cell, in 2011 New Delhi.
3. 10+2 Passed from SERYODYA BALVIDHAYLAY (CBSE), in 2007 Tilak Nagar, New Delhi.

PERSONAL DETAILS

- **Name**   : Narender Kumar Vishwakarma
- **D.O. B**   : 07th July 1987
- **Sex**   : Male
- **Marital Status**   : Married
- **Father's Name**   : Shri Jaynath Vishwakarma
- **Mother's Name** : Girija Devi

- **Permanent Address**   : Plot No: -75, G/3 Sai Enclave, Mohan Garden Part III, New Delhi–110059.