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RESUME

Name: JV Rao E-Mail: tektiger@gmail.com

Phone: 972-836-6979

Professional Summary:

Architect in Cloud security, Cloud migration, Infrastructure with over 16 years of experience. In my various roles I have provided expertise and leadership for teams and clients regarding Security and Infrastructure for On-Prem and Cloud Architecture. Develop security strategy plans and roadmaps based on enterprise architecture and best practices.

Areas of Expertise

* Cloud design and security Architect with G-cloud, Azure, AWS
* Cloud migration: DevOps, Azure DevOps, CI/CD, Terraform
* Cloud Security: SABSA, HIPPA, NIST, SOX, FIHR frameworks, Threat management, Risk analysis
* Micro Services, Docker, Kubernetes, ACS, AKS
* Identity Access Management (IAM), SAML, OAUTH, Azure AD
* Data security: Cloud SQL, Azure SQL, Google Storage, Azure Storage, Data Factory, Data Lake
* On-Prem: VMware vSphere, SAN storage, CISCO UCS, Windows OS, Linux
* ITIL Change Management, Incident Management
* PowerShell, Python, JavaScript
* Security Tasks: Security continuous monitoring and detection process configuration, threat intelligence and incident response design and configuration, Security continuous monitoring and detection process configuration, audit security infrastructure and analyze security policies and procedures

Certifications:

Google Cloud Certified Professional Cloud Architect (GCP) (Id: S6KVJx)

Azure Cloud Security Engineer AZ-500

Azure Cloud Solutions Architect Expert -AZ-300,301

AWS Certified Professional Architect

CCSP (Cloud Certified Security professional- ISC2) Pursuing

VMware Certified Professional (VCP) 5.0

Microsoft Certified System Engineer (MCSE)

CISCO Certified Network Associate (CCNA)

ITIL certified

Educational Qualification:

Masters in Information technology in 2004 from Allahabad University

Work Organizations:

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| BNSF  DFW TX |
| Designation: Cloud Security/Solution Architect Sept 2019 to Till |

Tasks:

* Create and maintain security architecture artifacts i.e., models, templates, standards, and procedures.
* Provide security-planning advice on application and infrastructure projects.
* Work on Cloud design, security design, configuration, and implementation in Google, Azure and AWS cloud
* Worked on Designing the network controls for Zero trust and Proxy environment for ingress traffic
* Design and implement the compliance framework, access controls, network security, data security etc. for the environment.
* Configure cloud security best practices configuration as per the NIST, CSA CCM and OWASP
* Work with Google Kubernetes Engine and Azure Kubernetes Service and Container services design and security
* Configure Google Cloud Command Center and design the monitoring of service health analytics.
* Worked on Google Cloud Pipeline for the CI/CD deployments in Gcloud platform
* Work on Google IAM integration and configurations and configure Identity-Aware proxy
* Determine baseline security configuration standards for operating systems, network segmentation.
* Work on CIA (Confidentiality, Integrity, Availability) methodology for Cloud Security
* Coordinate with IT Development team to advocate on secure coding practices.
* Architecting, deploying, and managing distributed systems based on Kubernetes in the cloud.
* Design and implement Data Protection, Key Management, IAM policies, Firewalls
* Work on application security with WAF and other security controls
* Design and implement the cloud governance policies and controls
* Work on Infrastructure as a code (IaC) automation with Terraform and Azure DevOps
* Work on Cloud Access Security Broker (CASB) and Cloud Security Posture Management (CSPM)
* Configuring Logging, Monitoring, Threat Detection, IAM, Vulnerability configuration, Application Security,
* Work on Identity Access Management design and implementation
* Work on Azure Data Lake, Data Factory services data ingest and flow security configuration.
* Generate the weekly metrics on the incidents and work with teams.
* Actively involving in the meetings with stake holders and provide the solution architect and enterprise security architecture.
* Configure Google Native security tools for Network and other resources.
* Work on configuring Oath 2.0, SAML authentication design and configuration

Work on Gcloud shell Azure-PowerShell to automate the tasks and configurations

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| Mr. Cooper  Irving TX Sept 2017 to May 2019 |
| Designation: Sr. Principal Architect / Cloud Security Architect |

Tasks:

* Work on Cloud design and security design, configuration, and implementation in Google Cloud and Azure
* Work on Cloud security best practices configuration as per the NIST, CSA CCM framework and other standard controls
* Work on Architecture diagrams and workflows with relation to security configuration
* Work on CIA (Confidentiality, Integrity, Availability) methodology for Cloud Security
* Configure Google Cloud Network security, Load balancer, Identity-Aware proxy etc.
* Configure the Google Cloud Logging , BigQuery for each projects, Secure workloads in Kubernetes Engine, Storage, Cloud SQL security design and configuration etc.
* Worked on Google cloud Kubernetes (GKE) cluster creations and configuring the security
* Worked on Google cloud shell to automate the configurations and deployments
* Worked on Google Cloud Pipelines for CI/CD Deployments to Gcloud landing zone
* Work on Azure Storage service encryption, Database security, Network security, Identity Access Management, Conditional Access, Azure monitor, Log analytics, VPN security etc.
* Work on Azure Security Center, Monitor, Automation, Log Analytics, Sentinel SIEM, etc.
* Create a compliance framework for the environment, compliance, access controls, network security, data security etc.
* Work on configuring the Azure policies to restrict the resource deployments and compliance check
* Design and configure security solutions for Data in Transit and Data in Rest
* Design ISMS (Information Security Management System) to protect the assets on Google/Azure i.e. business needs, objectives, organization etc..
* Work on configuration of cloud Identity Access Management and SSO (SAML) configuration
* Manage Accounts in Cloud, IAM Users, Groups & Rules, RBAC, MFA, conditional access etc.
* Work with Key Vault, KMS, Password Manager, Network security groups, NACL, Subnets, VPC, VPNs, Endpoint configuration
* Work with devOps to automate the security tasks of IDS
* Work on taking care of security considerations of CI/CD deployments
* Involving in team meetings to deal with issues and provide the status

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| Emp: V-Soft consulting  Client: Shimano, T-Mobile  Irvine, CA Feb 2013 to Aug 2017 |
| Designation: Cloud Security Solution Architect |

Tasks:

* Worked on the cloud security design and configuration.
* Worked on devOps with Terraform and Github to deploy the resources and configuration
* Worked on Identity access management configuration as per security design
* Implemented the zero-trust security configuration
* Worked on firewalls, authentication, DDOS, Web Application firewalls etc.
* Follow the best practices to meet the OWASP security and follow the NIST, CCA standards.
* Worked on design and configure the AWS/Azure cloud to move the application servers
* Work on Azure security configurations with VPN, secure gateway, data encryption, key management etc.
* Worked on follow the best practices of security model per NIST, CSA CCM compliance
* Worked on design and configure security configurations in AWS and Azure Cloud and took care of all customer responsibilities i.e. Network, Data, IAM users security etc..
* Work with security asset management with Identify, protection and incident response configuration
* Work closely with application teams to handle their app server migration to the cloud

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| Emp: 1way-solutions Inc.  Client: Monster, Citi June 2007 to Jan 2013  Atlanta GA |
| Designation: Sr. Engineer /Architect |

Tasks:

* Responsible for the security and Web App deployments. Work with dev and test teams on their infra needs
* Guide to Juniors on the infra support and setup the new app environment i.e. Servers, Networking, and other environmental issues etc.
* Worked on designing the new build infra project and designing the security configurations
* Worked on couple of migration projects. Involved in designing and handling the migration of IT infra from one data center to another data center as part of the acquisitions.
* Responsible for Compute, Storage, Networking, and security of the project as a lead
* Responsible for configuring the access management and security.