**Nikhilesh**



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**Having 12 years of IT Experience as Application, Cloud & Devops Engineer**

**Profile Summary**

* **A Competent professional with 12 years** of experience in IT operations.
* Ability to effectively plan, install & configure the cloud infrastructure to consistently achieve high performance and proven ability to create and deliver solutions tied to business growth, organizational development and systems/ network optimization.
* **Skilled problem identifier and trouble-shooter comfortable in managing systems, projects and teams** in a range of IT environments.
* Ability to **communicate complex technical information** effectively and appropriately.

**Technical Skills**

* **Cloud Computing (Primary) :** Oracle Cloud (OCI), AWS
* **Cloud Computing (Secondary) :** Azure
* **Web/App servers (Secondary) :** IIS, Apache, Tomcat, JBoss, WebLogic
* **Databases:** ADB, Oracle EXACS
* **Operating system :** Windows, Linux
* **Automation/Deployment tools :** Jenkins, Octopus, VSTS, Azure Devops, Docker, Terraform
* **Configuration Management :** Ansible
* **Ticketing Tools :** Service Desk, Jira, IP Center, HP, visual studio,Right now
* **Monitoring/Trouble shooting Tools:** Nagios, DebugDiag, Fiddler, Appinsight, SQL profiler, ELK, Prometheus, OEM, OMC, O&M

**Education**

Bachelor of technology from JNTU-K.

**Certifications**

* Oracle Cloud Infrastructure Architect - Professional
* Oracle Cloud Infrastructure - Operation Specialist
* Microsoft Azure Infrastructure Solutions
* AWS Certified Solutions Architect – Associate

**Projects Details:**

**Project Name:** GAP

**Technology**: Oracle Cloud (OCI)

**Roles & Responsibilities:**

* Working as an OCI Admin & Architect to setup infrastructure on OCI end to end.
* Proficient in OCI Cloud services like Instances, OS Management, Storage, VCN, Fastconnect, DNS, Load Balancer, Database, Functions, API Gateway, Analytics, Datascience, Email Delivery, Identity, Monitoring, Logging, Cost Management, Advisor, Disaster Recovery.
* Provisioning of OCI resources using terraform.
* Very good experience in monitoring configuration (O&M, OMC, OEM).
* Very good experience on network components and on-premises network configurations.
* Configured network infrastructure, which includes setting up VCN, Subnets, Gateways, Connectivity with on-premises network using VPN and other networking services of OCI.
* Set up security infrastructure which consists of integration with oracle IDCS, Active Directory Integration.
* Experience in deployment of Oracle Analytics Cloud Gen 2 Oracle Cloud Infrastructure and its integration with Autonomous Database.
* Setup complete architecture to run oracle based application on OCI, which includes provisioning of services like Autonomous Transaction Database, Compute, Load-Balancer, API Gateway, Bastion Service, Storage etc.
* Documentation of solutions (e.g. architecture, configuration and setup).
* Have good understanding on Identity and access management, How to create users, groups & compartments and defining policies within the OCI for access control.
* Monitor OCI resources, services, configure Alarms, and configure event driven actions.
* Understands the pricing, Billing Features, SLA and support for OCI.
* Expertise in migration of ON-PREM servers to Cloud infrastructure.
* Established a complete DevOps pipeline (Git – Jenkins -Ansible-Docker-Kubernetes)
* Having experience on Docker and Kubernetes Platform.
* Automation of day-to-day activities using python or shell script.
* Having Good experience with Patching and Deployment activities.
* Having Good experience with Incident, Problem and Change Management.

**Project Name:** WWT

**Technology**: Oracle Cloud (OCI)

**Roles & Responsibilities:**

* Working as an OCI Admin & Architect to setup infrastructure on OCI end to end.
* Setup complete architecture to run oracle based application on OCI, which includes provisioning of services Configured network infrastructure, Instances, storage.
* Configure the LBaaS for HA and FSDR setup for the disaster recovery.
* Implementation of Functions as a Service , API gateway, Deployment of Datascience models
* Good troubleshooting experience on PAAS services.
* Ability to implement the monitoring setup.
* On call and weekend support on timely basis.
* Daily Stand up call with customer on the project status.
* Manage workload planning and scheduling, conduct daily scrum calls, and provide billing support.

**Project Name:** Iron Mountain

**Technology**: Amazon Web Services (AWS)

**Roles & Responsibilities:**

* Proficient in AWS Cloud services like VPC, EC2, S3, ELB, ALB, AutoScalingGroups (ASG), EBS, RDS, EKS, IAM, Route 53, Cloud Watch, Cloud Trail, ELK, Trusted advisor, Cost Explorer, System manager, Cloud front, ACM , VCN, Storage, etc..
* Having extensive experience in multiple cloud platforms.
* Creating EC2 instance, Providing Network, Storage, Load balancer and Firewall to the Instances
* Designing and implementing secure network solutions that meet business requirements.
* Worked on both PAAS and IAAS applications.
* Provision the infrastructure using Terraform
* Creating and configuring virtualized systems in the AWS environment.
* Performing infrastructure upgrades and updates to maximize system efficiency while minimizing downtime.
* Deploying applications in AWS using EC2 instances and Elastic Beanstalk.
* Capable of configuring the monitoring setup.
* Established a complete DevOps pipeline (Git – Jenkins -Ansible-Docker-Kubernetes)
* Configure and maintain cloud-based infrastructure using automation tools such as Ansible, Terraform, and Kubernetes to ensure high availability, scalability.
* Maintaining, testing and implementing disaster recovery procedures.
* Building tools for deployment, monitoring, and troubleshooting of system resources in an AWS environment.
* Configure and manage monitoring and logging tools, such as ELK Stack and CloudWatch.

**Project Name:** Microsoft

**Technology**: Azure

**Roles & Responsibilities:**

* Proficient in Azure Cloud Services such as Virtual Network, Virtual machines, Storage account, Resource groups, Load balancers, Azure Update Management, AAD concepts, Advisor, Azure Resource Monitoring ,DNS, Application Gateway, Azure Storage, Azure Backup and Restoration, Azure App service, Traffic Manager, WAF, Application Insights, Network watcher, VPN Gateway, Express Route.
* Having good experience on Azure Devops CID/CD pipeline deployments
* Implement and provide solution for virtual network security through Network security group (NSG), roll based access control (RBAC), Network virtual appliances (NVA), user defined networking, firewall.
* Worked on recommendations as per Azure advisory to optimize the project cost.
* Provided technical assistance to application team in finding the RCA for different incidents related to Azure.
* Web applications [IIS Deployments]
* Collaborate with software developers to streamline the software delivery pipeline, automate builds, and integrate CI/CD processes into the development cycle.
* Develop and maintain scripts, tools, and utilities to automate routine tasks, increase the efficiency of the operations and reduce manual errors.
* Manage workload planning and scheduling, conduct daily scrum calls, and provide billing support.

**Achievements:**

* Received Certificate of appreciation from client.
* Received appreciations for making the Go-Live deployments successful from clients and delivery heads as well.
* Successfully released the environments without any issues.
* Trained fresher’s in the project to make use of them quickly in the Project.
* I have been instrumental in solving server/application configuration related issues in E2E Environments, thus resulting in timely test execution completion and have received many appreciations for the same.