**Gade Nikhilesh**

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**Having 8+ years of experience as Cloud Engineer and Application support**

**Profile Summary**

* **A Competent professional with 8+ years** of experience in IT operations.
* **Presently associated with Cambridge Technology Enterprises.**
* Ability to effectively plan, install & configure the IT 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 troubleshooter comfortable in managing systems, projects and teams** in a range of IT environments.
* Extensive experience in using administrative tools, troubleshooting ticketing systems.
* Ability to **communicate complex technical information** effectively and appropriately.
* **Open to learn new technologies and can efficiently work.**

**Technical Skills**

* **Cloud Computing :** AWS, Azure , GCP
* **Web/App servers :** IIS, Apache, Tomcat, JBoss, WebLogic
* **Databases :** MS SQL, Mongo DB, Maria DB
* **Messaging system :** Rabbit MQ,SNS
* **Operating system :** Windows, Linux
* **Automation/Deployment tools:** Jenkins, Octopus, VSTS, Docker
* **Ticketing Tools :** ServiceDesk, Jira, IP Center, HP, visual studio,BMC remedy
* **Monitoring/Trouble shooting Tools:** Nagios, DebugDiag, Fiddler, Appinsight, SQL profiler, ELK, Prometheus

**Professional Experience:**

* **Senior Cloud Engineer | Cambridge Technology Enterprises | May 2019 to till date**
* **Senior Software Engineer | Accenture Solutions Private LTD | December 2015 to April 2019**
* **Software Engineer | Tata Consultancy services LTD | July 2012 to November 2015**

**Projects Worked:** Liberty Global, Microsoft, Humana, British Telecom, and Iron Mountain

**Education**

Bachelor of technology from JNTU-K.

**Certifications**

**MS SQL server administration (DBA)**

**Microsoft Azure Infrastructure Solutions**

**AWS Certified Solutions Architect – Associate**

**GCP Associate Cloud Engineer**

**Experience**

**Cloud Engineer (AWS, Azure, GCP):**

* Responsible for implementing and supporting of cloud-based infrastructure and its solutions.
* Proficient in Cloud services like VPC, EC2, S3, ELB, AutoScalingGroups (ASG), EBS, RDS, IAM, Route 53, Cloud Watch, Cloud Trail, ELK, Trusted advisor, Cost Explorer, System manager, Cloud front, ACM ,
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through hosts.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Implemented Amazon RDS multi-AZ for automatic failover and high availability at the database tier.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of RHEL, and Windows and wrote shell scripts to bootstrap instance.
* Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
* Configured Elastic Load Balancers with EC2 Auto Scaling groups.
* Patching the instances using system manager
* Configured the centralized log management (ELK) setup.
* Worked on Azure VM’s, load balancers, Storage, Virtual network, App service, Recovery services vault, Azure Active directory, Monitor
* Expertise in migration of ON-PREM servers to Cloud infrastructure
* Experience on IAM, Compute Engine, Storage, Networking ,Monitoring, App Engine
* Having knowledge on Docker and Google Kubernetes Engine (GKS).

**Tomcat:**

* Build, configuration and management of Tomcat servers.
* Maintaining applications in Tomcat environment.
* Deployments in Tomcat environment.
* Handling troubleshooting issues for App/Web servers.
* SSL certificates configuration for HTTPS protocol.
* Configured LDAP with web server.
* Monitoring application performances.
* Implemented vault concept to provide security to the passwords.
* Knowledge on Rabbit MQ, spring cloud data flow.
* Knowledge on Mongo DB and Maria DB

**JBOSS (Wildfly):**

* Configuration and management of Wildfly application servers.
* Maintaining applications in Wildfly environment.
* Deployments in Wildfly environment.
* Handling troubleshooting issues for App/Web servers.
* Resolved application related escalations.
* Managed standalone and domain environments.
* Configured HA-Cluster features.

**WebLogic:**

* Installing, configuring and administering Application server WebLogic 12c on Linux platform for Deployment and Production environments.
* Configured JDBC Data resources, Multi Data sources and bounded to Managed Instance.
* Troubleshoot WebLogic Application Server connection pool issues.
* Deployed the PEGA applications in cluster environments.
* Configured applications deployment changes for Development, Stage, Testing environments.
* Applied patches to the PEGA application.
* Testing and profiling to measure the performance of the applications.
* Monitored Memory usage of applications using Nagios.
* Supported on call schedule for Production Support.

 **IIS 7.0/7.5/8.0/8.5**

* Creating and configuring new internal & external websites (HTTP and HTTPS).
* Website content and application release management and heath check of the servers.
* Application support for asp, .NET 4.5 based internal & external websites.
* SSL certificates configuration at server level and IIS level.
* Planning and implementing the disaster recovery and resolve web architectural issues.
* Deploying and troubleshooting of .Net based Applications on large IIS web server farms.
* Creating, deploying, renewing and Import & export of the SSL certificates.
* Defining the policies to host applications and setting proper permission and security.
* Coordination with application development teams for issue troubleshooting.
* Building new servers, setting up IIS applications (export/import IIS configuration).
* Excellent troubleshooting and technical support skills with migrations, network connectivity and security and database applications.
* Responsible for the environment having 120 Dev/ Test / UAT windows servers and 80 production windows servers.
* Supporting critical applications in web farms for DEV, UAT and PROD.
* Understanding of ITIL V3 request, change and incident management

**MS SQL DBA:**

* Installation, Administration and Maintenance of SQL Server Instances.
* Setup Test, Dev, Staging and Production Environments.
* Create Users and assign permissions based on the level of database access the user would need.
* Create Linked Servers to SQL Servers and design database Backup and Restoration Strategy.
* Database Backups and Recovery to a specific point of time, as per the requests.
* Setup High-Availability as part Disaster Recovery Strategy for the Databases. (Failover Clustering, Database Mirroring, Log Shipping and Replication)
* Monitoring the scheduled SQL Agent jobs and troubleshoot various problems that arise in a day-to-day work and fix the issues.
* Monitoring and Performance Tuning; Physical Server Level, Database level (Database settings and options) and query tuning. (Creating and maintaining those Indexes, not performing database shrinking, memory settings, monitoring CPU usage and Disk I/O activity etc.).

**Achievements:**

* Received Certificate of appreciation from client.
* Received best employee appreciation for contribution to SAAS deployment team from BT 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.
* I have been successful in maintaining more than five environments, 240 servers and received appreciations from Microsoft, BT, Liberty Global clients and delivery heads.

**Personal Details**

**Date of Birth:** 18th Nov 1990

**Languages known:** English, Telugu and Hindi

**Address:** Gachibowli, Hyderabad