HEMANTH
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An IT professional with 5+ years of experience in the entire lifecycle of DevOps, Linux and Cloud Infrastructure services, design, development and cloud implementation and managed services.

EXPERIENCE SUMMARY:

- Working experience in **DevOps** tools and **LINUX** environments.
- Experience in creating Infrastructure in AWS/AZURE.
- Good Knowledge on VMware Resource management and ESXI Layer.
- Cloud provisioning with AWS Cloud formation and Terraform code.
- AWS - EC2, VPC Peering, NAT Gateway, Network ACL's, IAM, S3, ELB, Route 53, Auto Scaling.
- Azure Infra - VNET, peering connections, NSG, NAT Storage account, Managing Resource groups, policies etc.,
- Experience in Configuration management tool Ansible.
- Good Exposure in Container Orchestration tools Kubernetes Cluster Services and Docker.
- Experience in branching, tagging, and maintaining the version across the environments using SCM tool GIT.
- Experience with Build Management tool MAVEN for writing pom.xml respectively
- Experience in Build Tools, CI/CD tools like JENKINS.
- Expertise in Linux server configuration/ troubleshooting issues.
- Experience in writing Ansible playbooks by using YAML script to launch AWS instances and used to manage web applications, configuration files, used mount points and packages.

TECHNICAL PROFICIENCY:

Operating System:	SLES, RHEL.
Cloud Environment:	AWS / Azure
DevOps Tools:	Jenkins, Git/GitHub, Ansible, Kubernetes, Docker, Azure DevOps, Terraform (IaaC)
Monitoring tool:	AWS Cloud Watch
Scripting:	Bash Script
Ticketing tool	Service Now/ SPC

TECHNICAL CERTIFICATION:

- Certified Azure Administrator Associate (AZ-104).

PROFESSIONAL EXPERIENCE:

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Role: DevOps | Cloud Ops| Prof 1 System Administrator

Project: SAP SE   **-** from July 18 – till date

Organizational Responsibilities:

- Creating Infrastructure in AWS / Azure cloud environments.
- Automate Infrastructure provisioning using Terraform code
- Created the required Networking with VPC, Subnets, Security groups, IAM roles, NACL, IGW, NAT, in the defined CIDR Range. (VPC network as suggested by Network Team).
- Participating in major Production releases across all applications.
- Managing VPC's for production, QA, DEV and configuring, managing security groups.
- Coordinating with Onsite leads, Clients, and managers to get the customer requirements and implementing the same in time.
- Working on creating Helm Charts/Manifest files for Deployments in Kubernetes Env to manage micro service applications.
- Monitoring micro services using Grafana and Prometheus.
- Prepared CI/CD pipelines using Jenkins.
- Developing and maintaining automated CI/CD pipelines for code deployment.
- Configured CloudWatch for monitoring infrastructure resources performance and operational data in form of logs and metrics
- Responsible for Linux server support and monitoring. Creating EFS file share and mounting in Linux servers.
- Troubleshoot infrastructure issues i.e., Load Balancer etc. in AWS
- Install, configure, and maintain web services
- Used IAM for Access management, Access policies for providing and restricting access to the users in the project for deploying micro services.
- Writing Ansible playbooks by using YAML script to launch AWS instances and used to manage web applications, configuration files, used mount points and packages.
- Configured S3 versioning and lifecycle policies to backup files.
- Responsible for tagging and maintain code on version control GIT and creating War/Jar files using build tool Maven.
- Manage web server high availability setup with Apache tomcat.

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Position: Cloud Ops Engineer   - from Apr 16 to June 18

Organizational Responsibilities:

- Provisioning and Managing Infrastructure in AWS cloud / VMware
- Create IAM users and assign limited permission to those users.
- Monitoring and Creating AWS alerts for various resources based on their utilization.
- Monitor billing and develop cost optimization strategies
- Responsible for Linux server support and monitoring.
- Linux servers log backup scripts were written along with scripts to monitor the deployed versions
- Maintaining File systems (extension and reduction) / LVM.

- Handling Servers – Physical / Virtual machines.
- System Monitoring includes Processes Monitoring, Managing Users and permissions, Log File Analysis.
- Troubleshooting network related issues.
- Day to day operation system checks / system logs, user usage of system resources, CPU & memory utilization.
- Administration and maintenance of infrastructure.
- Handled bulk OS Patching activity on Linux servers / package management via RPM, YUM, ZYPPER.
- Configuring and sharing file system through NFS and mounting it from other servers through nfs/autofs.
- Work on daily assigned incidents, requests and handle escalated calls.
- Infrastructure deployments / Dismantle activities.
- Regular OS security patching / Upgrades for Linux boxes
- Maintaining Quest authentication service to authenticate AD users in Linux systems.
- VM deployments and configuration in VMware Resource management– Disk management, Memory management & cores adjustment, data store management, VMware tool's upgradation
- Automating day-to-day task on server to achieve desired output by writing shell scripts.
- Managing Linux virtual servers on AWS EC2 / VMware
- Working in PROD/Dev/QA Environments supporting as per customer defined SLA's.
- Help tune performance and ensure high availability to infrastructure. Perform health checks of the environments provisioned through automation.
- creation of Logical Volume Manager (LVM)
- Especially in disk management, managing users and groups, automating tasks using CRON scheduler,
- Interacted with client teams to understand client requests.
- Handling L2 team activities over Linux issues, which includes incident and change management.
- Monthly OS patching activity, upon latest patch releases.

Education summary:

- **B.E** in **Electronics Communication Engineering** | 2011 -15
  Siddharth Institute of Engineering and Technology – A.P (Affiliated to JNTUA).

PERSONAL DETAILS:

Full Name:	Hemanth Viswabrahmin
Gender & Nationality:	Male, Indian
D.O.B:	06-08-1994
Passport:	Valid

Place: Bangalore   **Thank You!**