

Satyam Naidu kimidi

E-mail: satyamknaidu@gmail.com | Phone: +91-9951744754

Professional summary:

I am a Devops Engineer in Aws Cloud with 5+ years of Experience. To excel in the organization and bring more value leveraging my rich Technical Expertise and experience in working with global clients. Core competencies include continuous Delivery, Build and deployment, Source code management, Agile Development, Version control and build scripting / automation.

Experience in Intelliswift Software India pvt ltd (Dec 2022 to Till Date)

Client: Autodesk India pvt ltd
Role: Senior Devops Engineer
Environment: Aws Cloud & Devops.

Responsibilities:

- Working Experience with version control systems like management tool **GitHub, GitLab**.
- Automated configuration management and deployments using Ansible playbooks & YAML.
- Created Ansible Playbooks provision Apache web servers, Tomcat servers, Nginx, Apache Spark and other Applications.
- Writing scripts to automate deployment of playbooks on nodes.
- Working with **Jenkins** under the **CI/CD pipeline** providing continuous improvement to agile software development teams.
- Working on creating **Docker containers** by using Docker images.
- Played a key role in automating the deployments on AWS using **Git, Jenkins, Ansible & Terraform**.
- Design and Implementation of Highly Scalable and Fault Tolerant Architectures on the cloud.
- Implementation of 3-tier architecture with Web, Application and Database servers using Elastic Load Balancer (ELB) with Route 53 DNS registered.
- Configuring Various AWS Services like, EC2, VPC, IAM, RDS, Route 53 Cloud Watch and Cloud Trail etc.
- Setting up custom monitoring metrics/analysis/alarms via Cloud Watch.
- Create and configure S3 bucket with restricted policies and Effective Cost

Calculation using AWS Calculator.

- Windows & Linux OS Hardening and other OS Administration tasks.
- Infrastructure provisioning using Cloud Formation and Terraform.
- Creating Lambda functions and triggers.

Terraform:

- I am having Experience on Deploying aws resources using terraform scripts.
- Experience on writing terraform scripts for various resources of AWS.
- Configuring terraform backend for different projects.
- Experience on Terraform modules.
- Implemented state locking for better security.
- Refreshing the infrastructure using terraform based on the clients requests.
- Knowledge on Adding resources to existing terraform code as per requests.

Kubernetes:

- Knowledge on configuring kubernetes cluster using kubeadm.
- Knowledge on creating manifests files for different objects.
- Managing deployments, rolling out deployment's using kubectl.
- Upgrading the node groups as per the requirements.

Experience in eTeam Info services pvt ltd (June 2021 to Aug 2022)

Client: Wipro

Devops Engineer

Environment: AWS, Git, Maven, Jenkins, Ansible, Jira, Tomcat, Docker, Linux.

Cloud and Devops operations:

- Project implementation on Amazon web Services cloud computing.
- Configured Linux servers like FTP, SSH, NFS, Apache and Package management using RPM and YUM.
- Automated daily tasks using shell scripting.
- Maintaining the monitoring profile for AWS Services –EC2 parameters (CPU, memory, disk).
- Amazon EC2, EBS, S3, RDS, ELB, VPC, IAM.
- Prepare knowledgebase documents and keep them in share point folders.

- Involved in Computer user administration (setup and maintaining account)
- Monitored servers for CPU and Disk utilization for performance monitoring and written customized script to utilization details using **Prometheus & Grafana**.
- Knowledge with Groovy Scripts.
- Regular proactive capacity planning and tending reviews of all systems.
- Create and establish build process using **maven** to perform build efficiently and deployment of the application using **tomcat**.

GIT, Maven, Jenkins, Docker :

- Experience in using build tools like MAVEN for the building of deployable artifacts such as war & ear from source code.
- Experienced in working on Devops/Agile operations process and tools are (unit test automation, Build & Release automation, Environment, service, incident and change management) .
- Creating and Managing Repository and Branches.
- WAR files build and deployment, Restart server once the deployment is completed.
- Developing shell scripting for deployments into servers.
- Verifying the log files if the deployment fails.
- Reporting and updating status of deployment to required stakeholder.
- Implementing continuous integration (CI) using Jenkins.
- Creating jobs in Jenkins, Running the job as per build calendar.
- Sending automatic emails through Jenkins if the job fails by installing extended plugins.
- If any Plug-in are required configuring the plug-ins to Jenkins.
- Scheduling the nightly builds in Jenkins
- Automation of build and deployment process by configuring jobs inn Jenkins for each application.
- Hands on Experience in Containerizing Micro services using Docker and orchestrating them.
- Having Good hands on Experience in using **Docker** images from Docker hub as well as creating custom Docker images using Docker File.

Experience in VERIZON DATA SERVICES INDIA PVT LTD (Mar 2017 - June 2021)

Client: Verizon Data Services pvt ltd.

Build & Release Engineer

Environment: Linux, Apache, GIT, Jenkins, Ansible, Maven, Shell, Terraform.

- Having knowledge in taking backup of artifacts using the **nexus**.
- Configured multi provider infrastructure from scratch using **Terraform**..
- Working knowledge on Jira and **Service-now** Ticketing Tool.
- Experience in supporting applications on different platforms Windows and **Linux** environments.
- Configured and maintained Git Lab as SCM, Maven as build automation tool.
- Managed daily builds and releases to all the environments.
- Involved in Create/Enhance/automate build and deployment processes for each release and backup, restore and upgrade.
- User Administration such as adding a new user account/modifying/deleting user account and granting sudo access based on the requirement.
- As a build engineer, worked towards automating build process by writing batch scripts
- Writing Ansible playbooks for application configuration and deployment automation.
- Create/upload playbooks using YAML in Ansible and trouble shoot issues while convergence.
- Deploy and maintain web applications on to Apache Tomcat servers and configured it to host the client's websites.
- Contributing in the Devops team to maintain and build out our infrastructure and servers currently operating on AWS platforms.
- Configured Maven and Ant as build automation tools and integrated with Jenkins.
- Create and maintain Jenkins CI/CD pipelines for build and deployment automation.
- Build and deployment scripts according to SCM team standards and processes to QA, Performance and Production Environments.
- After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build.

Linux Admin:

- Windows Active Directory Integration with all Linux OS.
- Shell Scripts created for automated user creation/deletion and key

generation & sending keys to individual users using automated emails.

- User Administration- Create multiple new users, deleting any existing user, locking a user, unlocking a user.
- Assign user quota to multiple users.
- Network Configuration- Assigning IP address to a system (Static and DHCP), assigning and changing hostname.
- Crontab Scheduling- Scheduling a crontab to take daily backup of servers.
- RPM (Red Hat Package Manager)- Installing and removing packages with RPM and yum. Upgrading any existing package with RPM/yum.
- Installation and configuration of FTP Server for user data transfer.
- Mounting the Network File Systems and managing the network permissions.

Role: System Administrator
Pride IT Services, Hyderabad.

May 2014 to Mar 2017

Roles & Responsibilities:

- Involved in installation and Configuration & Maintenance of windows 2008/2003/2000 on HP ProLiant servers.
- Create User Accounts & Groups in Active Directory AD.
- Experience with Deploying, configuring Apache Tomcat, PHP, and MySQL/Oracle.
- Firm Understanding of windows Security including file system permissions, file sharing, event logging, Performance Monitoring and disk administration.
- Implementing Group policy, Managing and monitoring Dynamic host configuration protocol DHCP Managing and monitoring Domain Name system DNS.
- Experience with VMware Tools-VMware ESXi 4.0/5.1/5.5.
- VM's and maintained FTP sites, web servers and created virtual directories in IIS 7.
- Involved in the Troubleshooting the issues related to servers, local services, Data centers and server configuration for Microsoft windows systems.
- Involved in scheduling the tasks, monitoring tasks, created alarms and deploying load balancing, implementing Network security.
- Involved in planning and manage all migrations and upgrades related to the AD's.

- Involved in Application upgradation with all the hotfixes and server patches.
- Expertise in taking Backup and restoring data using various Techniques.
- Installed and configured Exchange 2000 mail server for internal purposes, Performed client deployments of Microsoft outlook 2000.

ACADEMIC PROFILE

- **Master of Computer Applications from Andhra University, Visakhapatnam.**