

AWS and DevOps Engineer

Gorla Pavan Kumar

Cell: +91 8660170313

Gmail: pavanreddy8500@gmail.com

Be the key person in creative environment to utilize and refine my personal skills and abilities in the Modern Technology that offers Professional growth while being resourceful, innovative and challengeable.

Summary:

- IT Professional with 2 years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continuous Integration, Continuous Deployment, and Continuous monitoring using Automation Tools.

Professional Summary:

- Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Jenkins, Git, Maven, Docker etc.
- Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backup to S3 bucket.
- Creating Snapshots and Amazon machine images (AMIs) of the instances for backup and creating clone instances.
- Experience in branching and maintaining the version across the environments working on source code management (SCM) tool GIT.
- Installed and maintained the GIT repositories.
- Hands on experience in Containerization tool (Docker) and Orchestration tool (Kubernetes).
- Having good exposure in Jenkins for CI (Continuous Integration).
- Good knowledge and Experience in Server Configurations and Installations and Modifications.
- Experience in Configuration automation tool Ansible. Developing playbooks and pushing configurations to the servers.
- Worked on web servers like Apache and application servers like Tomcat to Deploy code.
- Utilized Cloud Watch to monitor resources such as EC2, Amazon RDS services, EBS volumes, to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.

Roles and Responsibilities:

- Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, RDS, VPC.
- Strong knowledge on Version Control Systems like GIT, to track changes made by different people in source code involving concepts like Branching and Merging and Git hub.
- Experienced in Docker applications by constructing Docker images using Docker file.
- Implemented the setup for master slave architecture to improve the performance of Jenkins.
- Worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- Used Kubernetes for automated deployments, scaling and management of containerized applications across clusters of hosts.
- Involved in managing the dev, UAT and prod servers using Ansible as a configuration management tool.
- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and configuring launched instances with respect to specific applications.
- Creating Cloud Watch alerts for instances and using them in Auto-scaling launch configurations.
- Knowledge in relational databases, python and SQL

Education:

- BE from New Horizon College of Engineering, Bangalore, Karnataka.

Professional Experience:

- Working as an Aws and DevOps Engineer for Wipro Technologies from Jan-2021 to till date.

Technical Skills:

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|--------------------------|------------------------|
| Version Control Tools | Git, GitHub |
| Build Tools | Maven |
| Continuous Integration | Jenkins |
| Containerization | Docker, Kubernetes |
| Configuration Management | Ansible |
| Scripting Languages | Shell Scripting |
| Operating System | Linux, Ubuntu, Windows |
| Cloud Technologies | Amazon Web Services |
| Ticketing Tool | Jira |