

Gowtham K

AWS AND DEVOPS ENGINEER

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SUMMARY

Driven and detail-oriented DevOps Engineer with one year of hands-on experience in managing, deploying, and automating cloud-based applications.

- Experienced with AWS Cloud platform and its features, which includes EC2, IAM, S3, VPC, Cloud Watch, Cloud Trail, SQS, SNS, AWS Code deploy/Code pipeline.
- Created new resources in the test environments when needed using terraform.
- Experience in working with version control systems like GIT and used source code management tools like GitHub. Creating GitHub Repo's and giving access to GitHub Repo's.
- Good Experience on AWS IAM Service to provide access to different users.
- Working on IAAS Platform on AWS, Kubernetes, CI/CD experience and Amazon web services like EC2, S3, RDS, IAM, Cloud Storage and budget forecasting.
- Configuring Jenkins job with related Plugins for Building, Testing and Continuous Deployment to accomplish the complete CI/CD.
- Extensive Good experience with Continuous Integration Jenkins Tool.
- Good experience on Docker Containerization Tool. Creating Docker Images and Pushing those images to Docker hub. Creating containers using those images.
- Automated the cloud deployments using Ansible.
- Certified AWS Cloud Practitioner with a solid understanding of cloud architecture, infrastructure as code (IaC), and continuous integration/continuous deployment (CI/CD) pipelines.

TECHNICAL PROFICIENCY

- Cloud Technologies: AWS (Certified Cloud Practitioner), Google Cloud Platform
- Version control: Git, GitHub
- Infrastructure as Code: Terraform, CloudFormation
- Containerization: Docker, Kubernetes
- Database Technologies: MySQL
- Scripting and Automation: Basic of Python and Bash
- Configuration Mgmt. tool: Ansible
- Operating System: Linux, Windows, MacOS
- Agile Methodologies: Scrum, CI/CD (Jenkins)
- Front-end technologies: Basic of HTML and CSS
- Tools & Platforms: Jira, Visual Studio Code, Eclipse, Grafana

EXPERIENCE

Tech Ryver Pvt. Ltd. | DevOps Engineer

Dec 2023 - June 2024

- As per the requirement of the project we create AWS services like Elastic Compute Cloud (EC2), Elastic Load-Balancers, S3, RDS, VPC, Route53, Cloud Watch, Cloud Trail, IAM, Elastic Block Storage (EBS), SQS, SNS, AWS Code deploy/Code pipeline.

- Creating and managing users, groups and roles and assigning roles to the EC2 instances with identity and management system.
- Created new resources in the test environments when needed using terraform.
- Build infrastructure for quick deployment, running, and scaling of software in the cloud.
- Responsible for installing Jenkins master and slave nodes.
- Configured Git with Jenkins and schedule jobs using POLL SCM option and also providing EMAIL notification option whenever jobs are created/edited.
- Experienced in Web Server Like Apache Tomcat Server.
- Hands on experience with build tools like Maven.
- Used Ansible as configuration management tool to deploy consistent infrastructure code across multiple environments Involved in setting up builds using Ansible as a configuration management tool.
- Writing and maintaining Docker file for creating various micro services images & Container creation using Docker and stored them in Docker Hub Registry.
- Building Docker file and Docker compose files for maintain the environment in containerizing the applications.
- Experience creating custom Docker images using Docker file.
- Worked on Docker-Swarm created manager node and connected them with worker nodes also created services, networks.
- Hands-on experience using K8s to manage and orchestrate containerized applications, including scaling, rolling updates, and self-healing with pods, services, deployments, replica Sets, Config maps, secrets, volumes, persistent volume claims, ingress, namespaces.
- Developed DevOps workflows, CI/CD pipelines, and test automation. Operational activities: deployments, monitoring, reporting, and patching.
- Complete documentation and procedures for installation and maintenance.
- Learned about monitoring and observability tools, with a focus on Grafana and ELK stack.

TRAINING AND CERTIFICATION

- AWS Certified Cloud Practitioner
Duration: March 2023 – August 2023 (5 months)
Validation: <https://cp.certmetrics.com/amazon/en/public/verify/credential/M5KW47227N1EQ1GM>
- DevOps with AWS LinkedIn Learning Certificate of Completion
- Scrum: The Basics LinkedIn Learning Certificate of Completion

EDUCATION

Nagarjuna College Of Engineering and Technology, Bangalore
B.E-Mechanical Engineering | CGPA-8.42

2017-2021