

# Gowtham K

AWS AND DEVOPS ENGINEER



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**GITHUB:** <https://github.com/gowthamk3543>

## SUMMARY

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Driven and detail-oriented DevOps Engineer with one year of hands-on experience in managing, deploying, and automating cloud-based applications. Certified AWS Cloud Practitioner with a solid understanding of cloud architecture, infrastructure as code (IaC), and continuous integration/continuous deployment (CI/CD) pipelines. Proficient in leveraging AWS services to optimize performance, ensure scalability, and enhance security. Adept at collaborating with cross-functional teams to streamline operations and deliver high-quality solutions. Committed to continuous learning and staying updated with emerging technologies to drive innovation and efficiency.

## TECHNICAL PROFICIENCY

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- 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: Python and Bash
- Configuration Mgmt. tool: Ansible
- Operating System: Linux (Ubuntu), Windows
- Agile Methodologies: Scrum, CI/CD (Jenkins)
- Front-end technologies: Basic of HTML and CSS
- Tools & Platforms: Jira, Visual Studio Code, Eclipse, Grafana

## TRAINING AND CERTIFICATION

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- 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

## EXPERIENCE

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### Tech Ryver Pvt. Ltd. | DevOps Engineer

Dec 2023-Present

- 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.

## EDUCATION

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Nagarjuna College Of Engineering and Technology, Bangalore


2017-2021

B.E-Mechanical Engineering | CGPA-8.42

## DECLARATION

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I consider myself familiar with information Technology aspects. I am also confident of my ability to work in a team & I hereby declare that the information furnished above is true to the best of my knowledge.



**Gowtham K**