ROHIT GEND

Google Cloud Certified Associate Cloud Engineer

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SUMMARY

DevOps Engineer with a Bachelor's in Computer Engineering and experience in cloud infrastructure, automation, and containerization. Hands-on with CI/CD pipelines using Jenkins, Docker, and Kubernetes. Familiar with Terraform, Ansible, and techniques for optimizing cloud performance. Eager to grow in a dynamic team and contribute to efficient, scalable DevOps solution.

TECHNICAL SKILLS

Cloud Platforms & Service	Amazon Web Service (AWS), Google Cloud Platform (GCP), Microsoft Azure, EC2, AWS Lambda, Systems Manager, Amazon S3, AWS CLI, Cloud Watch, Compute Engine, App Engine, Cloud Storage, Cloud VPN, BigQuery.
Containerization & Automation	Docker, Kubernetes, Terraform, Ansible, Jenkins, Git/GitLab, GitHub, GitLab Actions, CI-CD Pipeline, Continuous Integration, Continuous Deployment. **Scripting**: PowerShell, Bash Scripting, Python Scripting.
Log Monitoring	Grafana, Prometheus, Logging & Monitoring. **Workflow Management** : Jira, Agile.
Web Technology	Nginx, HTTP, API's, Load Balancer, HTML, CSS, JavaScript, **Databases** : MySQL, MongoDb, RDS.
System Admin	Linux, Ubuntu, Windows, Operating System, Networking, DNS. **Protocols**: UDP, TCP, OSI/TCP-IP.
Fundamentals	Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, Computer Fundamentals.

EDUCATION

Dr. Babasaheb Ambedkar Technological University, Lonere (MH) — Raigad, Maharashtra, India
Bachelor of Technology in Computer Engineering — *08/2020 – 07/2024*

EXPERIENCE

DevOps Engineer — 07/2024 - Present
Cravita Technologies — *Pune, Maharashtra*

- Designed and implemented CI/CD pipelines using Jenkins and Kubernetes, reducing deployment time by 40% and decreasing deployment failures by 15%.
- Automated infrastructure provisioning and configuration management with Terraform and Ansible, leading to a 30% reduction in infrastructure costs.
- Improved system uptime to 99.9% by implementing active monitoring and alerting solutions with CloudWatch and Grafana,
- containerized microservices architecture on AWS, enhancing scalability and reducing operational overhead by 25%.

Microsoft Learn Student Ambassadors Mentorship Program — 12/2023 - 04/2024
Microsoft Learn — *Remote*

- Developed strong problem-solving skills through mentorship, demonstrated by leading 5+ workshops on cloud technologies.
- Provided consistent guidance and support, fostering a positive learning environment.
- Successfully facilitated skill development sessions and workshops for mentees.

PROJECTS

CI-CD Pipeline for Automated Microservices Deployment — See on GitHub

- Implemented a fully automated CI/CD pipeline using Jenkins, Docker, and Kubernetes, decreasing the average application deployment time from manual processes to an automated flow, resulting in a 60% reduction in deployment duration.
- Terraform and AWS services (EC2, EKS) to provision and manage the underlying infrastructure, ensuring the microservices application can scale across at least 3 Availability Zones for high availability and fault tolerance.

Smart Learning Platform — See on GitHub

- Developed a scalable and maintainable backend API using Python (Flask/Django) that facilitated collaborative learning features, resulting in a 60% increase in user engagement within the first quarter.
- Automated infrastructure provisioning and application deployment using Terraform and Kubernetes, reducing deployment time by 60% and improving deployment frequency by 40%
- Configured and managed CI/CD pipelines with Jenkins and Ansible, ensuring continuous integration and delivery of platform updates with a 95% success rate.

Questomatic — See on GitHub

- Developed a Python-based application leveraging Natural Language Processing (NLP) techniques to automate the generation of questions from diverse data sources, including text files and PDFs.
- Implemented algorithms to parse and analyze input data, extracting key information and formulating relevant questions, thus streamlining the process of creating quizzes or study materials.

CERTIFICATIONS

- Google Cloud Certified Associate Cloud Engineer (September 2023 - September 2026)
- SAP Certified Associate Application: Analytics Cloud (December 2022 - December 2027)
- Microsoft Learn Student Ambassadors (January 2023 - August 2024)
- Data Analytics Essential by CISCO