

# Mayur Manjrekar

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## PROFILE SUMMARY

Cloud Engineer with over 2 years of experience in automation and DevOps practices. My core responsibilities encompass deploying cloud infrastructure, establishing robust CI/CD pipelines to streamline the development process. My work bridges the gap between development and operations for efficient, agile solutions.

## SKILLS

- **Cloud Technologies:** Google Cloud Platform, Google Kubernetes Engine
- **CI/CD:** Azure DevOps, Jenkins, GitHub Actions
- **DevOps Tools:** Terraform, Ansible, Packer, Git, GitHub, Dockerfile
- Shell Scripting, Linux, YAML
- Troubleshooting, Logging's


## EXPERIENCE

- **Cognizant** February 2022 - Present  
Bengaluru, India  
Cloud DevOps Engineer | Google Cloud Migration Project  
Worked on a large-scale cloud migration project for on-premises applications to Google Cloud Platform (GCP).
  - Architected a zero-downtime deployment strategy leveraging Terraform.
  - Automated the deployment process through the development of robust CI/CD pipelines using Azure DevOps.
  - Reduced operational costs and manual intervention by crafting efficient shell scripts for task automation.
  - Leveraged Google Kubernetes Engine (GKE) to deploy containerized applications by creating Dockerfile and Kubernetes manifests for efficient and scalable deployments.
  - Demonstrated strong problem-solving skills by effectively troubleshooting issues to resolve application deployment and runtime challenges.
  - Collaborated with Development, Operation team to deploy the applications & maintain the infrastructure.
  - Demonstrated proficiency in Cloud SQL database management
- **DevOps Engineer | Image Bakery & Server Repaving Solution**  
Streamlined server provisioning on GCP with automated Image creation and Server repaving.
  - Leveraged Packer and Ansible playbook to build custom VM images for tailored server environments.
  - Automated server repaving process using Ansible, minimizing manual effort
  - Utilized Jenkins to orchestrate the entire pipeline, ensuring seamless server provisioning.
  - Automated image storage in Google Cloud Storage for secure and centralized management.

## EDUCATION

- **Gogte Institute of Technology** August 2017 - September 2021  
Belagavi, India  
Bachelors in Engineering CGPA: 8.4

## PROJECTS

- **Two-Tier Architecture - Voting Application:**   
Tools: [GitHub, GitHub Actions, Google Kubernetes Engine, Cloud SQL, Terraform]
  - Designed and deployed a highly scalable and reliable Two-Tier application leveraging GCP services
  - Application hosted on GKE and Cloud SQL for Database layer.
  - Leveraged Terraform for infrastructure provisioning.
  - Automated end-to-end workflow using GitHub Actions: Built, pushed Docker images to GCR, provisioning Infrastructure & deploying Application on GKE.

## CERTIFICATIONS

- Google Cloud Certified: Professional DevOps Engineer
- Google Cloud Certified: Associate Cloud Engineer
- GitHub Foundations
- GitHub Actions