

Nitin Gouda

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EDUCATION

- A.C Patil College of Engineering**

- B.E in Computer Engineering;*

Navi-Mumbai, India

January 2021 - May 2025

SKILLS SUMMARY

- **Languages:** Python, Java, ShellScript, HTML, Bash
- **Database:** MongoDB, MySQL, NoSQL, Postgres, Cloud Database
- **Tools:** Git, HackMD, Jira, Nginx, Ansible, Grafana, Jenkins, Github Actions, ArgoCD, Terraform
- **Technologies:** AWS, Google Cloud, Docker, Kubernetes, Prometheus, UNIX

EXPERIENCE

- **PearlThoughts** Remote
DevOps Trainee (Full-time) November 2023 - December 2023
 - **Snipe-IT deployment using IaC onto Kubernetes::** Production level deployment of an Open Source Software onto Azure EKS using GitHub Actions and Terraform..
- **Fintricity** Remote
DevOps & Infrastructure Intern (Full-time) May 2023 - September 2023
 - **Internal Developer Platform:** Designed, developed, and successfully deployed an Internal Developer Platform utilizing Backstage to improve team collaboration and productivity.
 - **Technical Documentation:** Developed comprehensive and well-structured product and technical documentation to support both our existing infrastructure and future organizations adopting our solution.
 - **Migrating to cloud operations platform:** Led the migration of web apps to a Serverless architecture using Massdriver, effectively maintaining infrastructure and reducing costs.
 - **Building CI/CD pipeline:** Contributed to the creation of deployment pipelines using CodeDeploy and GitHub Actions.
- **Scaler** Remote
Technical DevOps Writer (Freelance) March 2023 - September 2023
 - **Blog Writing & Tutorials:** Authored & optimized more than 15+ articles on various complex topics of DevOps for educational content, like Kubernetes, Docker, and Jenkins.

PROJECTS

- **TerraHouse on S3: Infrastructure Automation with Terraform on AWS (GitHub):**
 - Deployed TerraHouse to AWS using Terraform IaC, automating the infrastructure provisioning and configuration of a bucket policy, origin access controls, and cloud distribution hosted on S3 to replicate a production-like environment.
 - Automated repetitive tasks, such as running tests, using bash scripts.
 - Created up-to-date documentation for the TerraHouse project, including system architecture and user guides to understand and use the project effectively.
- **Automated SpringBoot web app deployment onto AWS BeanStalk using AWS CI/CD pipeline (GitHub):**
 - Implemented a CI/CD pipeline using AWS CodePipeline, CodeBuild, and Elastic Beanstalk to automate the building, testing, and deployment of a Spring Boot web app.
 - Configured the pipeline to be triggered automatically whenever there is a change to the code in the repository.
- **Automated Maven Project Deployment to Kubernetes with Jenkins and Ansible (Github):**
 - Automated Maven project deployment to Kubernetes using Jenkins and Ansible, reducing deployment time and improving quality.
 - Implemented CI/CD pipeline to build, test, and deploy Maven project to Kubernetes cluster, using Ansible for provisioning and configuration.
- **GitHub Actions to deploy Python App onto AWS Ec2 (GitHub):**
 - Developed a custom GitHub Actions workflow to automate the build, test, and deployment of the Python application.
 - Every time something is pushed onto the main branch CI & CD pipeline is triggered, which pushes the docker image onto Dockerhub & runs the image on our AWS Ec2 instance.

LEADERSHIP & VOLUNTEERING EXPERIENCE

- **KubeSimplify(Ambassador):** Actively contributed to the DevOps community through open-source contributions, blog posts, and student mentorship.
- **PhiwayStudios** As a Solopreneur, I manage everything from Social Media Marketing to Content Writing.