# Apurva Gargote

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## Professional Summary

Motivated DevOps enthusiast with hands-on experience in CI/CD, cloud platforms, and automation. Focused on building scalable systems and streamlining deployment pipelines.

## Education

**DR. DY. Patil Institute of Management and Research**, B.Tech in Electronics & Telecommunication Engineering | GPA: 8.81/10

May 2021 – May 2025

## Placement Offer

**Capgemini** – Software Analyst Offer [View LOI]

Dec 2024

## Skills

- **Cloud & Platforms:** AWS, Linux, Cloud Computing
- **CI/CD & Automation:** GitHub Actions, Jenkins, Shell Scripting, Bash, Python
- **Monitoring & Logging:** Prometheus, Grafana
- **Version Control & Dev Tools:** Git, GitHub, Nginx
- **Containerization & Orchestration:** Docker, Kubernetes
- **Networking & Security:** VPC, Load Balancers, Firewalls, DNS

## Projects

**Cloud-Native Resource Monitoring App** — *Flask, Python, Kubernetes, Containerd* — [GitHub]

- Built a real-time system metrics dashboard using Flask and psutil (refresh rate: 2s).
- Deployed on Kubernetes (KIND) using Containerd; improved setup efficiency by 40%.
- Optimized system responsiveness to 300ms under 100+ concurrent test requests.

**Node.js ToDo App with CI/CD Pipeline** — *Node.js, Jenkins, Docker, AWS EC2, GitHub Webhooks* — [GitHub]

- Designed and automated a full CI/CD pipeline using Jenkins and GitHub Webhooks.
- Reduced deployment time by 53% (15min → 7min); maintained 95% build success rate.
- Enabled zero-downtime releases using Docker and Nginx reverse proxy on AWS EC2.

**Two-Tier Flask Web App on Kubernetes** — *Flask, MySQL, Kubernetes, Containerd, AWS* — [GitHub]

- Deployed a Flask–MySQL app on Kubernetes with persistent volumes and service discovery.
- Configured 3 services, 2 PVCs, and horizontal pod autoscaling for scalability.
- Ensured 99.9% uptime through resilient deployment and AWS-based network security.

## Certifications & Courses

- **DevOps - Zero To Hero**, TrainWithShubham 🔗
- **Docker for the Absolute Beginner**, KodeKloud 🔗
- **Learning Linux Basics**, KodeKloud 🔗
- **Kubernetes for Beginners**, KodeKloud 🔗

## Awards

**Technical Blogger – [Hashnode]**

present

- Published 35+ DevOps articles (600+ readers) on CI/CD, Kubernetes, Terraform, and automation.

**Top Performer – Smart India Hackathon (SIH)**

Dec 2024

- Built real-time site dashboard in 72 hrs using Power BI, IoT, RFID, and DevOps pipelines.