

Gowri Suresh

DevOps Engineer | AWS | CI/CD | Docker | Kubernetes | Linux
gowris0109@gmail.com | Bangalore | +91-8792314159 | [Linkedin](#) | [GitHub](#)

Professional Summary

DevOps Engineer with hands-on experience in automating deployments, building CI/CD pipelines, containerizing applications, and managing cloud infrastructure on AWS. Skilled in Docker, Kubernetes, Jenkins, GitHub Actions, and Linux administration. Strong foundation in scripting, infrastructure provisioning, monitoring, and optimizing deployment workflows for reliability and scalability.

Work Experience

DevOps & Cloud intern, *Microdegree*

10/2025 - Present

- Built **CI/CD pipelines** using **GitHub Actions** to automate testing, Docker image builds, and deployments, reducing manual intervention by **80%**.
- Containerized applications using **Docker**, configured **Dockerfiles**, and optimized image sizes by **30-40%**.
- Implemented Nginx reverse-proxy and automated container rollouts using Git and **GitHub webhooks**.
- Provisioned and managed **AWS infrastructure (EC2, VPC, IAM, ELB, S3)**, increasing deployment reliability.
- Configured **Kubernetes** deployments, services, and autoscaling for containerized workloads.
- Administered **Linux servers** (users, permissions, cron, shell scripting) and resolved networking issues using TCP/IP, DNS, and routing fundamentals

PROJECTS

CI/CD Pipeline for Flask App Deployment on AWS EC2 using Github Actions

- Designed a fully automated CI/CD pipeline with GitHub Actions to build Docker images and push to Docker Hub.
- Deployed a containerized web application on AWS EC2 using Docker and Nginx, reducing deployment time by 70%.
- Automated version updates by pulling and restarting containers on code changes.

Skills

- **DevOps & CI/CD:** Jenkins, Github Actions, CI/CD pipelines
- **Container & Orchestration:** Docker, Docker Compose, Kubernetes (Deployments, Services, Autoscaling)
- **Cloud Platforms:** AWS (EC2, S3, IAM, VPC, Load Balancer, CloudFront)
- **Configuration & Infrastructure:** Nginx, YAML, IaC (Basics), Deployment Automation
- **Scripting & OS:** Linux Administrations, Shell Scripting (Bash), Python
- **Networking:** TCP/IP, DNS, Subnetting, Routing, Firewall/Security Groups
- **Version Control & Tools:** Git, GitHub, VS code, Jupyter Notebook

CERTIFICATIONS

- AWS Solution Architect (Microdegree) - **2025**
- Data Science Masters Pro (Ineuron)- **2023-2024**
- Python for Data Science and Machine Learning Bootcamp (UDEMY) – **2022-2023**

EDUCATION

Master of Science

JSS ACADEMY OF HIGHER EDUCATION & RESEARCH, MYSURU, INDIA | **CGPA:** 8.61/10.0