



Chamantula Pradeep Kumar

(Cloud & DevOps Engineer-Entry Level)

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Location: Visakhapatnam

Technical Skills

- AWS DevOps
- EC2
- RDS, IAM, S3
- Jenkins
- Docker
- Agile methodologies
- Maven
- Ansible
- Python Fundamentals
- Terraform
- Linux
- CI/CD
- ELB (Elastic Load Balancer)
- Prometheus
- Grafana
- Github actions
- SQL
- Infrastructure automation
- Monitoring and logging
- Version control systems
- Performance optimization
- Cloud deployment

Education

- Jawaharlal Nehru technological university – bachelor's degree in computer science engineering - 2024
- Higher secondary course in MPC – Narayana junior college - 2020
- Secondary school leaving certificate (CBSE) in MP & EV English Medium school – 2018

Profiles & Portfolios

- <https://github.com/Pradeep-Kumar11>
- <https://pradeep-kumar11.github.io/portfolio-website/>

Certifications & Training

- IBM Devops-fundamentals – IBM CEP
- IBM Docker Essentials Developer Introduction.
- Aws Devops Engineer badge.

Professional Summary

Computer Science graduate with practical, hands-on experience in DevOps and Cloud-based workflows, including CI/CD automation, Docker containerization, and deployment on AWS. Completed a real-time capstone project involving tools like Jenkins, Git, Terraform, Ansible, Prometheus, and Grafana to simulate scalable infrastructure automation. Proficient in Linux, with a solid grasp of cloud concepts and infrastructure as code (IaC). Eager to contribute to high-performing teams in DevOps, cloud support, or software engineering roles while continuously learning and growing in a dynamic tech environment.

StarAgile – DevOps Engineer (Intern, Capstone-Project)

09/2024 – 04/2025

- Implemented a complete **CI/CD pipeline using Jenkins, Git, and Maven** to automate the build, test, and deployment processes.
 - Containerized microservices using **Docker** and orchestrated the application deployment on AWS EC2 instances.
 - Automated infrastructure provisioning using **Terraform**, and **configuration management with Ansible**.
 - Monitored system performance and service health using **Prometheus** and **Grafana**, enabling proactive alerting.
 - Applied Infrastructure as Code (IaC) principles to manage scalable, repeatable cloud environments.
 - Improved deployment consistency and reduced manual intervention by over 60% through automation.
 - Ensured high availability and version control using **GitHub** for source code and pipeline management.
- Technologies Used: **AWS, Jenkins, Git, Maven, Docker, Ansible, Terraform, Prometheus, Grafana, and Linux.**

Projects

Successfully automated the deployment of a pre-given Spring Boot web application using a full DevOps toolchain on **AWS** EC2, leveraged Git, and **GitHub** for version control, resolving merge conflicts during team collaboration. Implemented CI/CD pipelines using **Maven** and **Jenkins**, automating build, test, and deployment processes. Containerized the application with **Docker** and deployed consistent environments via **Docker** Hub. Provisioned scalable cloud infrastructure using **Terraform**, and managed configurations using Ansible. Overcame **Jenkins**-related plugin and permission issues through effective debugging and reconfiguration, enabled system monitoring using **Prometheus**, and built real-time dashboards with **Grafana**, delivered a complete, cloud-based automated deployment pipeline with integrated monitoring and alerting.

Soft Skills & Interests :

Strong communication, Adaptability, Leadership, Problem-Solving, Decision-making abilities, Music, Gaming, Cooking.