

POOJA PULIVARTHI

Tirupati, Andhra Pradesh

☎ +91 9182656339 ✉ pulivarthipooja0819@gmail.com  [linkedin.com/in/pooja-pulivarthi](https://www.linkedin.com/in/pooja-pulivarthi)

Profile Summary

Proactive and detail-oriented DevOps Engineer with 3 years of experience in automating infrastructure, managing deployments and optimizing system performance. Expertise in cloud platforms (AWS), containerization technologies (Docker, Kubernetes), and implementing CI/CD pipelines using tools like Jenkins and GitLab CI/CD. Skilled in Infrastructure as Code (Terraform, Ansible) and scripting with Python and Bash to automate repetitive tasks and improve operational efficiency. Experience in monitoring, troubleshooting, and ensuring high availability of systems. Passionate about bridging the gap between development and operations to enable faster, reliable, and scalable software delivery. Committed to continuous learning and implementation of industry best practices in DevOps and cloud technologies.

Work Experience

Accenture Solutions Pvt. Ltd

Oct 2022 – Jan 2024

Custom Software Engineering Analyst

Bangalore

- Leveraged **MyNav** for navigation and automation of cloud resources, optimizing infrastructure for scalability and cost-effectiveness.
- Gained hands-on experience with **AWS** services, including **EC2, S3, EBS, RDS** and **IAM** while working for AWS cloud use-cases.
- Implemented CI/CD pipelines using **Jenkins** and **GitLab** CI/CD, automating software builds, testing, and deployments to reduce release cycle time by 30 percent.
- Set up and managed test environments on AWS and Azure for **QA** validation, enabling smooth execution of functional, regression, and performance testing.
- Worked as part of the QA team in an Agile environment, executing regression and functional testing to ensure application stability and seamless **CI/CD** integration.
- Contributed to defect resolution and test case validation as part of cross-functional Agile team.
- Utilized **Git** for version control, implementing branching strategies and code reviews to ensure code quality and collaboration within the development team.
- Worked on Terraform tool to automate and manage infra creation in **AWS, Azure** and **GCP** clouds. Reduced infrastructure provisioning time by 40 percent through automation using **Terraform** and Ansible, enhancing delivery efficiency.
- Automated configuration management with **Ansible**, enabling consistent deployment of applications and reducing configuration drift across environments.
- Monitored and optimized system performance by integrating tools like **Prometheus** and **Grafana** for proactive issue detection and resolution.

Accenture Solutions Pvt. Ltd

May 2021 – Oct 2022

Custom Software Engineering Associate

Bangalore

- As a developer scaled up on tools of our project like **keycloak, docker, k8's** and cloud etc.,
- As an associate gained knowledge in deploying, scaling, and managing containerized applications using **Kubernetes**.
- Integrated **Kubernetes** with Jenkins or **GitHub** Actions for seamless continuous integration and continuous delivery pipelines.
- Integrated **Docker** into CI/CD pipelines for automatic building, testing, and deployment of containerized applications.
- Set up and configured Grafana dashboards for real-time visualization of Jenkins metrics, integrating with Prometheus data source.

Skills

- | | | | | |
|----------|--------------|-------------|--------------|------------|
| • AWS | • GitHub | • Jenkins | • Linux | • Python |
| • Git | • Docker | • Terraform | • Prometheus | • Keycloak |
| • Gitlab | • Kubernetes | • Ansible | • Grafana | |

Education

Sri Venkatesa Perumal College of Engineering and Technology

Sep 2016 – May 2020

Bachelor of Technology in Electronics and Communication

Certifications

- Certified **DevOps Engineer** (StarAgile)
- **AWS Certified Cloud Practitioner**
- Certification of **Docker Essentials: A Developer Introduction** - provided by IBM
- Certification of Scalable Web Applications on **Kubernetes** - provided by IBM

Project

Staragile, Bangalore, (Remote)

May 2024 – Oct 2024

Banking and Finance Project:

- In this project using Devops technologies I have developed a **CI/CD** pipeline to automate the entire software development lifecycle for the banking and finance application.
- When code is pushed to the Git master branch, it is automatically checked out, compiled, tested, and containerized.
- Terraform is used to provision a test server which is configured with the required software using Ansible.
- Once deployment to the test server is successful, the same process is triggered for the production server.
- Both test and production environments are monitored via Prometheus Node Exporter and Grafana dashboards by displaying key metrics such as CPU utilization, disk space, and memory usage.