

# Shreyash Patil

shreyash8248@gmail.com / (+91) 9130858424 / linkedin.com / Pune, Maharashtra, India

## Summary

---

A dedicated **DevOps Engineer** with expertise in cloud platforms (GCP, AWS), Kubernetes, and infrastructure automation. Proven ability to design, deploy, and manage scalable, resilient systems using modern DevOps tools like Docker, Ansible, and Helm. Skilled in disaster recovery, CI/CD, and data management across multi-cloud environments. Passionate about solving complex problems, optimizing performance, and driving seamless collaboration across teams.

## Skills

---

- **Containerization:** Docker, Kubernetes, Helm, Argo CD
- **Automation & CI/CD:** Ansible, GitLab CI, Git, GitHub, Python, Shell Scripting
- **Cloud Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS)
- **Monitoring Tools:** Prometheus, Grafana
- **Data Platforms & Databases:** SingleStore, Vertica, Apache Doris
- **Big Data & Analytics:** Ambari Hadoop Ecosystem, Apache Spark, Tableau, Power BI
- **Operating Systems:** Linux (Ubuntu, Rocky Linux)

## Work Experience

---

**DevOps Engineer Intern**, Everlytics Data Science India LLP

June 2024 – Present

- Deployed and configured SingleStore on TCL Cloudlyte platform using Helm charts for seamless deployment.
- Automated Ambari Hadoop deployment using modular Ansible scripts on TCL Cloudlyte.
- Set up an offline Ambari ODP repository on GCP VMs to enable Hadoop deployment without internet dependency.
- Conducted HDFS Disaster Recovery (DR) testing using VM snapshots, IP remapping, and service restarts.
- Set up Apache Doris on a Kubernetes cluster with two Frontend (FE) and two Backend (BE) pods configured for distributed processing.
- Automated the end-to-end deployment of the 4PointX platform on Kubernetes using Ansible, including containerd configuration, Longhorn setup, and CI/CD integration.
- Created Helm charts for 4PX Setup and Config modules, enabling dynamic configuration through user-provided environment variables.
- Implemented an end-to-end CI/CD pipeline for the 4px.gateway repository to automate firmware update, unit testing, and real-time Slack notifications using GitLab CI and Ngrok API.
- Developed a Spark job to efficiently ingest and transform CSV data from Google Cloud Storage (GCS) into Apache Doris for real-time analytical processing and querying.

## Projects

---

### Deployment Django App on AWS using Python and Terraform

- Automated the deployment of a **Django application** on **AWS** using **Terraform** for infrastructure provisioning and Python scripting for deployment tasks.
- Configured AWS Elastic Container Registry (ECR), Elastic Load Balancer (ELB), security groups, static IPs, and custom firewall rules for secure and scalable deployment.
- Enabled containerized deployment with Docker, streamlined CI/CD workflows, and ensured efficient resource management across AWS services.

## Jenkins CI/CD Pipeline Automation with Ansible

- Automated the end-to-end CI/CD pipeline using **Ansible**, **Jenkins**, **Docker**, **AWS EC2**, and **Amazon EKS** for seamless application deployment on Kubernetes.
- Configured **AWS CLI**, **EKS CLI**, **Jenkins**, and **GitHub webhooks** to enable continuous integration, containerization, and dynamic build triggers on code commits.
- Integrated **Ansible** for infrastructure management and deployment automation, improving delivery speed, consistency, and operational efficiency.

## Education

---

**Bachelor of Engineering (B.E.) – Electronics and Telecommunication Engineering** 2021 – 2024

Trinity Academy of Engineering, Pune – Savitribai Phule Pune University (SPPU)

- **CGPA:** 8.84/10

**Diploma – Computer Engineering**

2018 – 2021

PDEA's Institute of Technology, Pune – Maharashtra State Board of Technical Education (MSBTE)

- **CGPA:** 8.82/10

## Declaration

---

I do hereby declare that the above information is true to the best of my knowledge.