

Datta Rahegaonkar

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PROFILE SUMMARY

Implemented end-to-end DevOps solutions using Python, Docker, Kubernetes, and cloud platforms (AWS), creating CI/CD pipelines that reduced deployment time by over 50% and improved reliability. Passionate about automation, cloud technologies, and delivering scalable, secure solutions. All practices were performed on Linux systems. I have a solid foundation in networking concepts.



EDUCATION

Shrimati Kashibai Navale College Of Engineering

Pune-Maharashtra

B.E - Computer Science & Engineering

2022- 2026

Aggregate CGPA : 8.08

SKILLS

Databases : MongoDB, MySQL

Database Query Languages: SQL, PL/SQL

OS Environments: Linux (WSL), Windows

Networking: LAN/WAN, TCP/IP, Subnetting, VPCs, Load Balancers, Route53, SSL/TLS

Cloud Platforms: AWS (Amazon Web Services)

CI/CD Tools: Jenkins, GitHub Actions

Containers & Orchestration: Docker, Docker Compose, Kubernetes

DevSecOps Tools: SonarQube, Trivy, OWASP Dependency-Check

Version Control: Git & GitHub

Scripting: Bash, Python, Powershell

PROJECTS

Climate Cast - Weather Web App | [Code](#) | [Live](#)

- Implemented a **DevSecOps** pipeline integrating **security** at every stage of the CI/CD process using tools like **SonarQube**, **Trivy**, reducing **10+** hours of manual effort to a single-click deployment
- **Containerized** the application with **Docker**, to ensure the app runs the same across different environments and automated deployment using **Jenkins Pipelines**, reducing deployment time by **40%**. Launched the application on **Kubernetes Cluster** using **Kind**, improving deployment reliability by **30%**.
- Developed and executed the entire solution on **Linux systems**, ensuring top-notch security and performance.

3-Tier E-commerce Web Application | [Code](#) | [Live](#)

- Containerized frontend, backend and database on Linux using Docker and **Docker Compose**.
- Implemented **Jenkins CI/CD** automation pipeline with automated **Rollback Strategies**, ensuring **zero-downtime**, saves the **3+ hrs** of manual intervention.
- Orchestrated **k8s** Pods and scaling **2+** microservice within EKS Clusters, enhancing **uptime** and system robustness through **Docker Private Registry** integration.

ACHIEVEMENTS

Street Play

- Duff Karandak, Modern Law Collage, Pune (State Level) - 2nd Runner-Up
- Sinhgad Karandak, Sinhgad Collage, Pune - 1st Prize (Winner)