

Shudhodhan Nitin Wani

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PROFILE SUMMARY

Motivated **Cloud and DevOps enthusiast** with a solid foundation in **automating deployment processes** and improving development workflows. Proficient in **scripting languages** such as **Linux Shell, YAML, and HCL**, with hands-on experience in industry-standard tools including **Git, Jenkins, Docker, Ansible, Terraform, and Kubernetes**.

Skilled in managing core **AWS services** like **EC2, VPC, S3, and IAM**. Eager to apply knowledge in building efficient **CI/CD pipelines** and secure, scalable **multi-tier cloud architectures** to deliver impactful and innovative DevOps solutions.

SKILLS AND TOOLS

Version Control: Git, GitHub

Infrastructure as Code (IaC): Terraform

Scripting Languages: Python, Shell

CI/CD Tools: Jenkins, Argo CD

Cloud Platforms: AWS

Monitoring & Logging: Prometheus, Grafana

Configuration Management: Ansible

Networking: Basic understanding of TCP/IP, HTTP/HTTPS

Containerization: Docker, Kubernetes

Database Management: Basic knowledge of SQL and NoSQL databases

PROJECTS

CI/CD with Infrastructure Automation for 3-Tier Architecture

- Developed a **3-tier web application** using **React.js, Node.js, Express.js**, and **MongoDB**, applying the **Gitflow branching model** to ensure code stability and manage scheduled releases.
- Designed and deployed a **managed Kubernetes cluster** using **Terraform**, and automated configuration management with **Ansible**, reducing infrastructure deployment time by **70%**.
- Integrated **static code analysis** using **SonarQube** into the Jenkins CI/CD pipeline, improving code quality by identifying and resolving **over 95% of critical issues** before deployment.
- Implemented **container image scanning** with **Trivy**, reducing security vulnerabilities by **40%** through early detection of risks in container images.
- Implemented a **GitOps workflow** leveraging **Argo CD**, leading to a **50% reduction** in deployment time and a **20% increase** in deployment frequency.

Automating Deployment with Kubernetes

- Designed and implemented a **scalable DevOps pipeline** that supported a high-demand product, boosting deployment reliability and operational efficiency by **30%**.
- Led the implementation of **Git workflow automation** and **CI/CD processes** using **Jenkins**, enhancing deployment speed and consistency.
- Utilized **Kubernetes** for container orchestration, achieving **2x replication** to improve system availability and fault tolerance.
- Managed configuration for worker nodes, overseeing installation and maintenance of critical software including **Jenkins, Java, Docker, and Kubernetes**.

CERTIFICATIONS

- Cloud and DevOps Bootcamp** – Intellipaat | *Ongoing*
- Linux Certification** – Intellipaat | *Completed: Feb 2025*
- AWS Certification Training** – Intellipaat | *Completed: Apr 2025*
- C, C++ Programming Certification** – SevenMentor | *Completed: Jan 2023*

EDUCATION

Modern College of Business Admin. | Pune, Maharashtra

Bachelor of Computer Applications with CGPA: 7.59

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