

# SHANTANU VANARASE

## DevOps Engineer

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**Email:** shantanuvanarase@outlook.com

**Mo. No.:** +91 7758001394

**LinkedIn:** [linkedin.com/in/shantanu-vanarase-aa6b17238](https://www.linkedin.com/in/shantanu-vanarase-aa6b17238)

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### Objective:

Highly motivated and skilled AWS DevOps Engineer with a robust background in Linux administration seeking to leverage my expertise in cloud technologies, DevOps methodologies and automation tools to drive efficient and scalable infrastructure solutions. Committed to continuous improvement, innovation, and delivering high-quality solutions in fast-paced environments.

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### Professional Experience:

HisanLab Pvt Ltd, Pune, India

Nov 2023 – Present

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### Roles and Responsibilities:

- **Integrated Jenkins** with version control systems, artifact repositories, and deployment tools. Monitored **jobs** and optimized build performance. Automated **build, test, and deployment** processes using declarative or scripted pipelines.
  - **Built, managed, and optimized Docker containers** for development, testing, and production environments.
  - **Orchestrated containerized** applications using **Kubernetes**. Ensured container security and compliance with best practices. **Deployed, managed, and scaled containerized** applications in Kubernetes clusters. Configured and managed Kubernetes resources such as **Pods, deployments, services, and ingresses**. Implemented **monitoring, logging, and alerting solutions** for **Kubernetes clusters**.
  - **Managed version control systems and repositories**. Collaborated with development teams to ensure proper **branching, merging, and code reviews**. Implemented branching strategies using **Git or GitHub**.
  - Managed project dependencies and build configurations using **Apache Maven** and **Docker** which Integrated into **CI/CD** pipelines for automated builds and releases.
  - Set up and configured **SonarQube** for code quality analysis and static code analysis. Integrated SonarQube with CI/CD pipelines to automate code quality checks. Analyzed code **quality metrics, identified code smells, bugs, and vulnerabilities**.
  - **Managed IAM policies and roles** for over 10 users, created and managed IAM users, groups, and roles to control access to AWS services efficiently.
  - **Provisioned and managed EC2 instances** for hosting applications and services. Configured **instance types, sizes, and AMIs** based on application requirements.
  - **Configured VPC peering and transit gateways** for network connectivity between VPCs. Provisioned and attached **EBS volumes** to EC2 instances for persistent block storage. Configured **EBS snapshots** for 100% backup and disaster recovery.
  - **Managed domain names and DNS records using Route 53**. Set up **DNS routing policies** such as weighted, geo-location routing, failover routing, simple routing, etc.
  - **Managed and resolved server issues with Linux OS**, including **networking, volume partitions**, and more, for over 20 servers, ensuring high availability and minimal downtime.
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**Skills:**

Skills Set	Tools & Services
Version Control:	Git, GitHub, GitLab
Containerisation Tools:	Docker
Container Orchestration:	Kubernetes
Infrastructure as Code (IaC):	Terraform & CloudFormation
Configuration Management:	Ansible
Database Management:	MySQL, PostgreSQL, MariaDB & MongoDB
CI/CD Pipelines:	Jenkins CI/CD
Monitoring Tools:	Prometheus, Grafana & CloudWatch (AWS)
Cloud Platforms:	AWS (IAM, EC2, S3, RDS, R53, VPC, EFS, EKS & CloudFront) Basics of Azure And GCP
Linux Administration:	Linux (Ubuntu, CentOS, RHEL) System configuration, network management, shell scripting
Network Management:	CCNA Tools
Web Servers:	Nginx, Apache & HTTPD
Scripting Languages:	Shell scripting, HCL, YAML, Go, Groovy, Python, Bash

**Education:****Bachelor of Commerce**

Pune University, Pune, India

Graduated: July 2023

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**Personal Details:**

Date of Birth: 21 July 2003

Gender: Male

Marriage Status: Unmarried

Languages: English, Hindi & Marathi

Hobbies: Open-Source Contributions, Learning New Technologies, Playing Chess

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**Declaration:**

I hereby confirm that the above furnished information is true and correct to the best of my knowledge and belief.

Place:

Date:

Signature

Shantanu Vanarase