

# Devesh Singh Rathore

Benar Road, Jaipur (RAJ) — +91 6376774153 — [deveshrathore13@gmail.com](mailto:deveshrathore13@gmail.com)  
[LinkedIn: deveshsinghrathore13123](#)

## Summary

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Certified **Red Hat Engineer (RHCE)**, **System Administrator (RHCSA)**, and **Specialist in Containers** with **2+ years of experience** in **Linux administration**, **cloud computing**, **automation**, and **DevOps**. Successfully hosted and managed **40+ Laravel, Node.js, and Python projects** with **Redis caching**. Expertise in **AWS, Docker, Kubernetes, Terraform, Ansible, and Jenkins**. Hands-on experience with **monitoring and logging** using **AWS CloudWatch, Prometheus, Grafana, Promtail, and Loki**.

## Skills

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**Operating Systems & Scripting:** RHEL, CentOS, Windows Server

**Containerization & Orchestration:** Docker, Kubernetes, Helm, Datree

**Automation & Configuration Management:** Ansible

**Networking & Protocols:** TCP/IP, Apache, Nginx, DNS, Cache Server, DHCP, SMTP, SSL, SSH, SFTP

**Cloud & Infrastructure as Code (IaC):** Amazon Web Services (AWS), Terraform

**CI/CD & Monitoring:** Jenkins, AWS CloudWatch, Prometheus, Grafana, Promtail, Loki

## Professional Experience

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**DevOps Engineer**      **Next Big Technology (NBT), Jaipur** — **December 2023 – Present (4 months)**

- Hosted and managed **40+ Laravel, Node.js, and Python projects** with **Redis caching**.
- Deployed applications using **Docker, Kubernetes, and AWS services**.
- Set up monitoring and logging using **AWS CloudWatch, Prometheus, Grafana, Promtail, and Loki**.
- Configured and optimized **CI/CD pipelines** using **Jenkins**.
- Ensured security and high availability for cloud-hosted applications.

**DevOps Engineer**      **Grras Solutions, Jaipur** — **June 2022 – November 2023 (1.5 years)**

- Managed **AWS resources**, including EC2, S3, IAM, and VPC networking.
- Deployed and orchestrated **Docker containers** using **Kubernetes**.
- Automated infrastructure provisioning with **Terraform**.
- Configured and managed servers with **Ansible**.
- Built and maintained **CI/CD pipelines** using **Jenkins**.
- Ensured **server security** through firewalls and vulnerability patching.

## Certifications

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- **Red Hat Certified System Administrator (RHCSA)** – [Credential](#)
- **Red Hat Certified Engineer (RHCE)** – [Credential](#)
- **Red Hat Specialist in Containers** – [Credential](#)

## Projects

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### 1. Hosting 40+ Laravel, Node.js, and Python Projects

- Deployed applications on **AWS EC2, ECS, and EKS**.
- Configured **Redis caching** for performance optimization.
- Implemented CI/CD pipelines for automatic deployments.

### 2. Infrastructure Monitoring & Logging Setup

- Configured **AWS CloudWatch, Prometheus, Grafana, Promtail, and Loki** for system monitoring.
- Set up alerting mechanisms to improve response time to failures.

### 3. Scalable Node.js Dynamic Website on AWS EKS

- Deployed a **Node.js web application** on **AWS EKS**.
- Built and pushed Docker images to **Docker Hub**.
- Automated deployments using **Jenkins and Kubernetes manifests**.

## Additional Information

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**Languages:** English, Hindi

**Notice Period:** 2 months