

Sharad Kumar Patel

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PROFESSIONAL SUMMARY

Associate DevOps Engineer with 1+ year of experience in DevOps and AWS Cloud. Skilled in CI/CD automation, containerization, and infrastructure provisioning using Docker, Kubernetes, Jenkins, Terraform, and Linux. Passionate about continuous learning and applying modern DevOps methodologies and Cloud to solve real-world business challenges.

TECHNICAL SKILLS

DevOps:	Kubernetes (k8s), Docker/Podman, Terraform, Jenkins, GitHub
Cloud Tech:	AWS
Operating System:	Linux (RHEL), Windows
Database:	MySQL
Language:	Python, Shell Scripting
Virtualization:	VMware, Virtual Box, KVM/QEMU
Tools:	Git, VS Code

EXPERIENCE

Associate DevOps Engineer

ITE Infotech Pvt. Ltd., Bhopal

January 2025 - Present

- Worked with Docker, Jenkins, Git, and Terraform to support deployment and automation workflows.
- Assisted in configuring and managing CI/CD pipelines for application builds and releases.
- Supported Linux administration, cloud deployment tasks, and container-based environments.
- Performed troubleshooting, monitoring, and basic infrastructure optimizations.

PROJECT

Image Compression Using AWS Lambda

2026

Tools & Services: AWS Lambda, IAM, S3, Lambda Layers, Python, Shell Scripting

- Built a serverless image compression pipeline using AWS Lambda and S3, automating optimization on upload.
- Used Lambda Layers for managing Python dependencies (e.g., Pillow) and configured secure IAM roles.
- Automated deployment and versioning with shell scripts to streamline function updates.

AWS Web Server with Backup & IAM Access Control

2026

Tools & Services: Terraform, AWS EC2, VPC, S3, IAM, Shell Scripting

- Deployed a web server architecture using Terraform with custom VPC, EC2 (Apache/Nginx), and secured S3 bucket for backups.
- Implemented IAM roles and users to control EC2 and S3 access with custom policies.
- Automated infrastructure provisioning and output handling using Terraform modules and outputs.

2-Tier WordPress Hosting on Ubuntu 22.04

2025

Tools & Technologies: Apache, PHP, MySQL, Ubuntu 22.04, Shell Scripting

- Deployed a 2-tier architecture hosting WordPress on Ubuntu with Apache as the web server and MySQL as the database.
- Installed and configured required PHP extensions, set up MySQL database and user, and secured the environment.
- Managed file permissions and used shell tools for automation and optimized server configuration.

EDUCATION

- **Indore Institute of Science and Technology**, Indore
Bachelor of Technology (B. Tech) | Computer Science & Engineering | CGPA: 7.67

Aug 2019 – May 2023

CERTIFICATES

- **Red Hat**
Red Hat Certified System Administrator (RHCSA, EX200) - Ver. 9.3
- **AWS**
AWS Certified Solutions Architect – Associate (Pursuing).
- **Kubernetes (k8s)**
Certified Kubernetes Administrator – The Linux Foundation (CKA Pursuing).

31/03/2026

PROFESSIONAL HIGHLIGHTS

- Experience in DNS configuration and domain-to-IP setup via Hostinger
- Exposure to Linux server hardening, service monitoring, and access control