

Sharad Kumar Patel

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OBJECTIVE

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge.

EDUCATION

- Indore Institute of Science and Technology, Indore** Aug 2019 – May 2023
Bachelor of Technology (B. Tech) | Computer Science & Engineering | CGPA: 7.67
- XII** | Sarswati Higher Secondary School, Waidhan, Singrauli | 59.6% 2019
- X** | Sarswati Higher Secondary School, Waidhan, Singrauli | 70% 2017

TECHNICAL SKILLS

DevOps & Cloud: Cloud Computing (AWS - SAA), Infrastructure as Code (Terraform), Containerization (Docker), CI/CD (Jenkins), Linux (RHEL), DNS Management

Virtualization: VMware, Virtual Box, KVM/QEMU

Languages: Java, C

DB & Tools: MySQL, JDBC, Git, GitHub, Hostinger

Platforms: VS Code, NetBeans IDE, Eclipse IDE, Canva

PROJECT

Image Compression Using AWS Lambda 2025

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 2025

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.

Online Consultation with Doctor (Web Dev) 2023

Technology Used: HTML, CSS, JavaScript & MySQL

- The Doctor Appointment System has been developed to override the problems prevailing in the practicing manual system.

INTERNSHIP EXPERIENCE

DevOps Engineer Intern

ITE Infotech Pvt. Ltd., Bhopal

December 2024 - Present

- Completed hands-on training in DevOps tools and practices, including Docker, Jenkins, Git, and Terraform.
- Gained practical exposure to CI/CD pipeline setup, infrastructure automation, and version control systems.
- Worked on cloud-based environments and containerization to simulate real-world DevOps workflows.

CERTIFICATES

- Red Hat Training** 2025
RHCSA Rapid Track Course (RH199) - Ver. 9.3
- Java** 2022
Java (core + advance) training from 'Programming World' Indore
- Cyber Security** 2023
Successful completed of cyber security (bootcamp) training from 5 June to 9 June 2023, and in this training, from ITE Bhopal and we have learned about of cyber security, ethical hacking & dark web tools.