

# Mohit Singh

## Aspiring DevOps / Cloud Engineer

Indore(M.P) | (+91) 8085110031 | mohitsirtb@gmail.com | [Linkedin](#) | [Github](#)

### PROFILE

Motivated and proactive fresher interested in DevOps practices and cloud technologies. Skilled in AWS services, monitoring, and alerting solutions, with a foundational knowledge of CI/CD and scripting. Eager to contribute to building resilient and efficient systems while collaborating with teams to enhance operational processes.

### EDUCATION

#### B.Tech | Sagar Institute of Research and Technology, Bhopal

Dec 2020 - June 2024

CGPA: 8.26

#### Higher Secondary | Jay Jyoti School, Rewa

12th - CBSE, 71.4% (Apr 2019 - Mar 2020)

10th - CBSE, 67% (Apr 2018 - Mar 2019)

### TECHNICAL SKILLS

- **Cloud Technologies:** AWS (CloudWatch, EC2, S3, RDS, Load Balancer, SNS, ECS).
- **Monitoring and Alerting:** Setting up monitoring systems and creating alerting mechanisms in AWS.
- **CI/CD:** Basic GitLab CI/CD knowledge, and YAML scripting.
- **Scripting:** Python, Shell scripting.
- **Infrastructure as Code (IaC):** Familiar with tools like Terraform.
- **Version Control:** Git (branching, merging, repository management).
- **Other Tools:** AWS CLI, Jenkins, Docker (basic knowledge).

### PROJECTS

#### End-to-End CICD Implementation — Jenkins

- Implemented and managed a continuous integration pipeline using Jenkins, Nexus, SonarQube, and Slack.
- Created a Jenkinsfile to automate the build, test, and deployment process.
- Configured webhooks to trigger Jenkins builds when changes are pushed to the code repository.
- Integrated Slack with Jenkins to receive notifications about build status.

#### Implemented Three Tier Architecture — AWS

- Implemented a three-tier architecture that is highly available And scalable using Terraform and deployed the application.
- On the Ec2 Instance, using the User Data script, the following AWS Components are Involved: VPC, ASG, Route53, CDN, ELB, EC2, S3, NAT, and WAF.
- API Gateway.

### INTERPERSONAL SKILLS

- Strong problem-solving and analytical abilities.
- Excellent communication and collaboration skills.
- Ability to work independently and manage multiple tasks efficiently.