SHRIYANS KURAV

SOFTWARE ENGINEER

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DevOps Engineer with a strong foundation in software engineering and hands-on experience in CI/CD, cloud infrastructure, and workflow optimization. Eager to contribute to impactful DevOps and software development projects in a dynamic tech environment.

EDUCATION

- **SAGAR INSTITUTE OF RESEARCH, TECHNOLOGY AND SCIENCE, BHOPAL**   **C.G.P.A: 7.51**

    B. TECH (COMPUTER SCIENCE AND ENGINEERING), 2022

- **MAHARISHI VIDYA MANDIR, BHOPAL**   **Percentage: 68%**
Central Board of Secondary Education, Class XII, 2018

- **MAHARISHI VIDYA MANDIR, BHOPAL**   **C.G.P.A: 6.6**
Central Board of Secondary Education, Class X, 2016

TECHNICAL SKILLS

- **Programming & Scripting Languages**: Python, Shell Scripting

- **DevOps Tools**: Git, Docker, Kubernetes, Jenkins, Maven, Terraform, Ansible, Grafana

- **Databases**: MySQL

- **Cloud Platforms**: AWS (EC2, RDS, VPC, Auto Scaling, Load Balancer, Security Groups, NACL), Azure

PROJECTS

- **Cloud-Based CI/CD Pipeline with Kubernetes and Docker**

- Developed a CI/CD pipeline integrating GitHub, Maven, and Docker.

- Orchestrated a 10-pod Kubernetes cluster with master and worker nodes.

- Implemented a load balancer for high availability and efficient traffic distribution.

- Automated deployment processes to enhance scalability and reliability.

- **Resilient Multi-Region Three-Tier Architecture for Web Application on AWS**

- Designed and deployed a scalable and highly available three-tier architecture for a web application on AWS, using Route 53, CloudFront, and Application Load Balancers.

- Implemented a warm standby disaster recovery strategy across multiple regions to ensure minimal downtime and resiliency.

- Configured AWS RDS, EC2 instances, Auto Scaling, VPC, and WAF for optimized performance, security, and monitoring with CloudWatch.

Certifications

DevOps Training Certification

Wiculty training institute, Bengaluru

Extracurricular Activities or Volunteer Experience

Spearheaded the NCC unit as the Senior Under Officer (highest rank) ⬚ Discharged duties as an SGT, NCC

Achievements

 BEST CADET of the YEAR (National cadet corps)