



Saurabh Kumar


DevOps Engineer

Proficient in DevOps, Cloud & SDLC including coding, scripting, testing, automation, version control.




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EDUCATION


Bachelor In Computer Application (B.C.A)

M.D College, Naubatpur

10/2021 - 2024

1st - 66.5 %

PERSONAL PROJECTS

Automated CI/CD pipeline for React Web Application to deploy Kubernetes Cluster using Jenkins 

- **Git, Docker, Jenkins, EKSTCL, EKS, Helm** and **Argo CD** are the tools used.
- Dockerizing Application and Pushing the image to private registry.
- The K8s manifest has been created and uploaded to the Git repository.
- Managed **deployment, replication, auto-healing, autoscaling** for EKS cluster.
- Managed network, services and ingress with load balancer.
- Deploying the application on EKS cluster using Argo CD.
- Configuring mail server and Enabling pull request trigger.
- Develop an **automated CI/CD Jenkins pipeline** to assist with updating and deploying the application to Amazon EKS.
- **Reduced downtime by 95%** on production environment.

Wordpress Application on AWS (wip) 

- Deployed and hosted a highly available WordPress application using **EC2, EFS, RDS, Auto Scaling Group & VPC** on AWS.
- Used **Terraform** to Automate Infrastructure and **Ansible** to Configure web servers.

Python Scripts to Automate Tasks (Boto3) 

- Health Check : EC2 Status Checks.
- Add environment Tags to EC2 Instances.
- Backup EC2 Volumes: Automate creating Snapshots.
- Automate cleanup of old Snapshots.
- Automate restoring EC2 Volume from the Backup.
- EKS cluster information.

DEVOPS TOOLS

Linux Git Docker Kubernetes Jenkins

Terraform Ansible Prometheus Argo CD

Shell Scripting Python (Boto3)

SOFT SKILLS

- Communication • Teamwork • Problem Solving
- Time Management • Active Learning

CLOUD PROVIDERS

AWS

PROGRAMMING LANGUAGES

JAVA (limited working proficiency)

PYTHON (for scripting)

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Keeping up with the latest developments in technology
(Web3.0, Metaverse, Blockchain)

Travelling

Bodybuilding