



ADITYA CHAUHAN

DevOps & Cloud Engineer

I am a strong skillfull, and self-organized DevOps engineer with 9 months internship of developing infrastructure-related components platform, optimizing the existing environments. Have good a knowledge of AWS, AZURE & GCP. Good understanding of Infrastructure-as-a-Code, Jenkins, Docker, kubernetes, concepts.

Contact

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Education

2015-2020

Bachelor of Commerce

Rashtrasant Tukroji Maharaj Nagpur University

Expertise

- knowledge and hand-on experience with operating systems (maintenance, troubleshooting)
- Glithub
- Gitlab
- Jenkins
- Circleci
- Docker
- Kubernetes
- Terraform
- Maven
- AWS
- Azure
- Datadog
- Linux
- ETL
- AWS glue
- Hadoop

Language

English
Hindi
Marahti

Experience

- set-up, maintenance and ongoing development of continuous build/ integration infrastructure
- developing pipeline for computer vision applications
- optimize the existing environments/structure
- establish and strengthen the security notification and management tools
- participate in technical discussions to aid system design, analysis, and troubleshooting
- Well knowledge of how to ,
- Building / Maintaining Docker container clusters managed by Kubernetes.
- Created Kubernetes YAML file for the deployment in the Kubernetes cluster. Set up Kubernetes cluster with Kubernetes master that has API server, etc., kube scheduler, and kube controller.
- Working with container, POD, deployment, services, replication controller, replica sets, auto-scaling, rolling, and red/black deployment.
- Experience in creating images for docker from Docker files.
- Created script to build and push docker images in the docker hub & ECR Responsible for architecting, designing, implementing, and Supporting cloud-based infrastructure and its solution.
- Used GitHub, a source code management and version control system for storing data.
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins. Create and establish a build process using maven to perform build efficiently and deployment of an application using Tomcat.
- Knowledge of Terraform to implement infrastructure as a code automates the provisioning of AWS resources.
- Experience with AWS EC2 cloud services for installing, configuring, and troubleshooting various Amazon images like Amazon, Linux AMI, Red Hat, and Ubuntu.
- Create S3 buckets and also manage policies for S3 buckets. Managing and maintaining IAM policies in AWS to define groups, create users, assign roles, and define rules for role-based access to AWS resources.
- Implementation of security Enhancement through MFA on AWS resources. Create Snapshot and Amazon machine images (AMIs) of the instances for backup and creating clone instances.
- Launch and manage Amazon EC2 and VPC instances. Also using a NAT gateway and instances to allow communication from the private instances.
- Used CloudWatch to monitor multiple servers, create alarms on them as per requirement, and get updates of notifications using SNS service.
- Configuration of a domain name service through route53. Also, configure my-SQL database engine-based RDS. Implemented read replica for Disaster recovery, by promoting this replica to standalone.
- Well, I also know CloudFront, EKS, and DynamoDB.
- At Linux knowledge of files and editors, User management, Job scheduling shell scripting, Firewall, SMPT, SSH, DNS, FTP, TCP, and HTTP. Installing and maintaining Apache web server and Nginx. Knowledge of managing, archiving & compression and extraction for backup of files