Nikhil Gupta

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TECHNICAL SKILLS

Languages: Java, Python, SQL, Go lang.
Automation tools & Monitoring tools: ServiceNow, PowerShell, Jira, Ansible, Prometheus, Icinga, Azure CLI, IBM MQ, Kibana, Grafana, repliweb, XebiaLab, Dynatrace.
Cloud & devOps: Azure AKS, Azure DevOps, AWS, Git, GitHub Action, Linux, Docker, Kubernetes, Akamia, ScaleOut Server, Chocolatey Server, Jenkins,Terraform.

EXPERIENCE

DevOps/SRE engineer
Accenture.com   Sept 2024 – Present
Gurugram, India

- Responded to and resolved daily incident (INC) and service request (SR) tickets within SLA, ensuring minimal disruption to business operations.
- Implemented Akamai GTM to intelligently route user traffic across multiple global regions, improving application availability and reducing latency by 25%.
- Monitored application health, APIs, and infrastructure using Grafana, Prometheus, Dynatrace, and Kibana to ensure high availability and proactively detect and respond to system anomalies and failures through real-time alerts.
- Managed and maintained Kubernetes clusters, deploying and scaling containerized applications across dev and production environments
- Collaborated with DevOps and engineering teams to implement automated deployment pipelines and environment provisioning.

Associate DevOps Engineer
Accenture.com   January 2023
Navi Mumbai, India

- Contributed to 30% requirement analysis, 25% planning, 35% tool evaluation, and 10% implementation support in selecting a CI/CD pipeline for the application.
- Provide the solution to push Artifacts to Docker HUB via Jenkins Pipeline.
- Provisioning Infrastructure for Dev and Test Environments: Installing GIT, Jenkins on Linux.
- Responsible to create a Git Repository setup for our development team.
- Configured the flow of CI and CD via Jenkins and setup the environment with the Docker file.
- Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Artifactory.

Application Development Associate
Accenture.com   October 2022
Navi Mumbai, India

- Provisioned infrastructure on AWS with services EC2, CloudFormation, ELB, VPC and done the deployment through Harness.
- Migrated CI pipelines from Jenkins to GitHub Actions and worked on self-hosted runners with GitHub Actions
- Exposure with building jobs and pipeline on Jenkins and integrated Jfrog artifactory to automate the process

PROJECTS

Event Audit Table using AWS   Feb 2022 - March 2022
- ∗ Tracks the changes in the database using Dynamo DB stream and AWS Lambda. Process the data in Kinesis Data Firehose and store it in S3
- ∗ Data in S3 is processed by Athena and changes in the record are displayed in tabular format for better viewability

Twitter Bot   Feb 2022 - March 2022
- ∗ Automated Attendance System for a Classroom using Face Recognition
- ∗ Enhanced the accuracy of recognition in Python with OpenCV and Deep learning

ACCOMPLISHMENTS

Microsoft Certified:Azure Fundamentals   May 2025
- understanding of core cloud concepts and Azure's architectural components, including computing, networking, storage, and security.

Cloud Digital Leader Certification   April 2025
- cloud computing basics and how Google Cloud products and services can be used to achieve an organization's goals.

Lane & Vehicle Detection Research Paper Publication   Aug 2022
- Published the research paper on Lane and Vehicle Detection Using Hough Transform and YOLOv3 under IEEE

EDUCATION

Sharda University   Greater Noida
Bachelor of Arts in Computer Science and Engineering   *2019-2022*

GLA University   Mathura, India
Diploma Engineering in Computer Science   *2016-2019*