Anjaneya Tiwari

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EDUCATION

SRM University Of Science And Technology	2021 - 2025
B.tech Computer Science	*CGPA: 8.45*
Little Flower House, Varanasi	2020
12th	*74%*
Little Flower House, Varanasi	2018
10th	*71%*

TECHNICAL SKILLS

Coursework: DSA, DBMS, Operating System, Computer Networks, Object Oriented Programming

Programming Languages: C, Java, Python

Databases: MySQL

Tools/Platforms: Linux, Git, GitHub, Docker, Jenkins, Kubernetes, Unix Shell

Cloud Provider: AWS

PROJECTS

Deployment of a Three-Tier Application on AWS
Cloud Computing and DevOps   *AWS, EC2, S3, VPC, RDS, Elastic Load Balancer, Auto Scaling*

• Architecture: Implemented a 3-tier architecture on AWS for an application, supporting over 10,000 daily active users.

• Disaster Recovery: Deployed resources across three regions, ensuring 99.99% uptime and high availability.

• Content Delivery: Implemented CloudFront for efficient content delivery, reducing page load times by 40%.

• Load Balancing: Integrated an Application Load Balancer to evenly distribute traffic across 10 EC2 instances, improving load handling by 50%

• Content Delivery: Implemented CloudFront for efficient content delivery, reducing page load times by 40%.

Jenkins Pipeline for Java based application
DevOps   *Git, Jenkins, Maven, SonarQube, Docker, ArgoCD, Kubernetes*

• Developed a robust CI/CD pipeline using Jenkins, Maven, and Helm for Java applications, reducing build and deployment time by 70% and increasing deployment frequency by 50%

• Configured Jenkins with Git, SonarQube, and Kubernetes plugins to automate builds, tests, and code quality checks, improving integration efficiency by 60%

• Implemented automated deployments to Kubernetes using Helm and ArgoCD, achieving a 99.9% success rate and ensuring seamless production deployments.

Kubernetes Deployment of MERN Stack Application
DevOps   *Kubernetes, Helm, Deployment, Scalability, Reliability, Maintainability*

• Led Deployment and Orchestration: Managed the deployment and orchestration of MERN stack applications using Kubernetes, ensuring efficient management and scaling for over 15,000 daily active users.

• Scalability and Reliability: Optimized scalability to accommodate a 200% increase in workload, improving reliability with automated rollouts, rollbacks, and self-healing mechanisms, resulting in 99.95% uptime.

CERTIFICATIONS

• Introduction To Programming In C - NPTEL

• Python (basic)- Hackerrank

• Java (basic)- Hackerrank

• Problem Solving (intermediate)- Hackerrank