Aditya Upadhyay

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CAREER OBJECTIVE

Aspiring Site Reliability Engineer with hands-on experience in AWS, Docker, Kubernetes, and Terraform. Skilled in building scalable, automated, and monitored systems with strong focus on uptime, deployment reliability, and incident response.

KEY SKILLS

Programming Languages: Python | Golang | Bash

Cloud & Devops: AWS | Azure | Docker | Kubernetes | Ansible | Terraform | Jenkins | CI/CD | Github Actions

Database Technologies: MySQL | MongoDB

Monitoring: Prometheus | Grafana | Amazon CloudWatch | Incident Response | SLI/SLO/SLA | System Uptime | On-call Support

Machine Learning & AI: Machine Learning | TensorFlow | ChatGPT | Grok | Cursor

Networking & Infrastructure: Linux Administration | TCP/IP | IPtables | Cloud Architecture | High Availability | Configuration Management (Ansible, SaltStack)

WORK EXPERIENCE

ORCAN LITTLE SYSTEMS | Faridabad   Oct '24 - Present

Associate Software Engineer

- **Manage and optimize SQL databases** to improve performance, ensure data integrity, and support seamless business operations
- **Automated database backup and recovery on AWS, reducing downtime by 30% and improving service availability.**
- **Implement backup, recovery, and performance tuning strategies**, ensuring high availability and reliability of database systems

IZOOTO(Datability Pvt. Ltd.) | Noida   Dec '23 - Aug '24

Software Engineering Intern

- **Built and scaled backend systems** using Python, Golang, Docker, and Kubernetes(AKS on Azure), improving system efficiency by **30%.**
- **Implemented automation and monitored using Prometheus**, reducing system downtime by **25%** and automating **40% of critical processes.**
- **Benchmarked DBs like MongoDB and Apache Cassandra** for robust, cloud-based data management and high availability.
- Collaborated with developers to streamline production deployments and enhance deployment reliability.
- Contributed to incident response by troubleshooting production issues and ensuring minimal downtime.

KEY PROJECTS

AWS Lambda Image Metadata Extractor (Serverless App) - AWS | Lambda | DynamoDB | S3 | SNS

- Designed and implemented an event-driven serverless application using **AWS Lambda triggered by S3 events to extract and manage image metadata**
- [Project link](#)

DevOps Automation Project – Terraform | Ansible | Jenkins | AWS

- This project automates the creation of EC2 infrastructure, Ansible-based configuration management, and Jenkins CI pipeline setup on AWS using Terraform, Ansible, and Jenkins.
- [Project link](#)

CERTIFICATIONS

- Successfully completed **Cloud & DevOps Bootcamp Certification** from Intellipaat, gaining in-depth knowledge of cloud computing and DevOps practices

EDUCATION

State Institute of Engineering and Technology, Kurukshetra University
Aug '19 - Jun '23

Bachelor of Technology(Computer Engineering), CGPA: 8.07/10