Aditya Upadhyay

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CAREER OBJECTIVE

Aspiring DevOps Engineer with hands-on experience in cloud platforms (AWS, Azure), automation (Terraform, Ansible, Jenkins), and containerization (Docker, Kubernetes). Skilled in streamlining deployments, incident management, and building CI/CD pipelines to improve reliability and efficiency.

KEY SKILLS

Programming Languages: Python | Golang | Bash

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

Database Technologies: MySQL | MongoDB

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

Networking & Infrastructure: Networking | TCP/IP | Cloud Architecture | Incident Management

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
- **Administer and monitor AWS cloud environments** for hosting and managing scalable, secure database solutions
- **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