Aditya Upadhyay

Faridabad, HR | +91-7428609471| u.aadityaa@gmail.com | Github Profile

TECH-STACK

Technical Languages: C++, JavaScript, Python, Golang, SQL, Bash
Technical Skills: AWS, GCP, Networking, Docker, Ansible, Terraform, Kubernetes, GIT, CI/CD, Jenkins, Linux, Machine Learning, Tensorflow, MySQL, MongoDB, Apache-Cassandra, ChatGPT, Grok, Cursor
Website: Portfolio

WORK EXPERIENCE

ORCAN LITTLE SYSTEMS   Faridabad,HR
Associate Software Engineer   Oct 2024 – present
- Currently working as a database administrator, managing and optimizing databases for improved performance, ensuring data integrity, and supporting efficient data-driven operations.
- Utilizing **AWS** for managing servers and storing **SQL data**, ensuring scalable and secure cloud-based database solutions.

IZOOTO(Datability Pvt. Ltd.)   Noida,UP
Software Engineering Intern   Dec 2023 – Aug 2024
- Engineered a JavaScript SDK for seamless frontend integration, significantly enhancing user experience and driving a **15% increase in user engagement**.
- Developed intuitive API methods and resolved integration issues, **boosting product performance by 20%**.
- Built and optimized backend systems using Python ,Golang, Docker & kubernetes , **increasing overall system efficiency by 30%.**
- Implemented solutions that **reduced system downtime by 25% and automated 40% of critical processes,** including monitoring and alerting systems.
- Utilized **GCP for cloud-based solutions and integrated MongoDB and Apache Cassandra for robust data management.**
- Gained hands-on experience with cloud infrastructure, containerization, and monitoring systems, aligning with Canonical's focus on Linux troubleshooting and cloud technologies**.**

KEY PROJECTS

AWS Lambda Image Metadata Extractor - 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.
- Automated metadata storage in **DynamoDB and integrated SNS notifications** to send real-time email alerts on new uploads.
- Configured secure **IAM roles** and policies with least-privilege access for **S3, DynamoDB, and SNS services**, ensuring proper security practices.
- Monitored and debugged application using **AWS CloudWatch** logs to ensure reliability and fault tolerance.

DevOps Automation Project – Terraform | Ansible | Jenkins | AWS
- Automated **AWS infrastructure** provisioning by writing **Terraform scripts** to deploy and configure multiple EC2 instances with user-data bootstrapping.
- Implemented **Ansible-based configuration management**, setting up Master-Slave automation and creating playbooks to install and configure Java, Jenkins, and dependencies.
- Set up **CI/CD pipeline on Jenkins** to fetch code from GitHub and prepare for automated build and deployment workflows
- Hands-on experience with end-to-end DevOps stack including **AWS (EC2, IAM), Terraform, Ansible, Jenkins, GitHub, and Ubuntu Linux**.

EDUCATION

State Institute of Engineering and Technology, Kurukshetra University   Nilokheri, HR
Bachelor of Technology(Computer Engineering) **CGPA: 8.07/10**   August 2019 - June 2023

Rawal Convent School   Faridabad, HR
Class XII **Percentage : 88.4(PCM)**   March 2018 - April 2019

Rawal Convent School   Faridabad, HR
Class X **CGPA : 9.8/10**   March 2016 - April 2017