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
Certifications: Credly Profile

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 **Microsoft Azure** 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

PhantomFiles - File Storage System Using Hybrid Cryptography   March 2023 - May 2023
- Architected a secure cloud storage system using hybrid cryptography, encrypting data before storing it on the cloud with Flask and Python.
- **Strengthened data security by 70%** and **cut unauthorized access attempts by 90%**. Optimized the encryption process, **boosting efficiency by 50%.**
- Achieved a robust and efficient system that enhanced **both security and performance by 60%**, ensuring data integrity and faster processing times, thereby **reducing overall latency by 30%**.

Gender-Age Detection   September 2022 - November 2022
- Led the development of a facial recognition system to predict gender and age with **over 80% accuracy.**
- Trained the system on large datasets and applied advanced machine learning techniques, **including computer vision and TensorFlow, achieving 85% accuracy.**
- **Reduced prediction errors by 60% and accelerated processing speed by 40%,** creating a reliable tool for demographic analysis.

EDUCATION

State Institute of Engineering and Technology, Kurukshetra University   Nilokheri, HR
Bachelor of Technology   August 2019 - June 2023
Major in Computer Engineering
Cumulative GPA: 8.07/10

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

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