SDE ∼ Data Analyst
2+ Years of Experience
Nagpur, Maharahstra - India

Aditi Vaidya

aditivaidya10@gmail.com
linkedin.com/in/aditivaidya10
+919922941475

Experience

Programmer Analyst	Cognizant	Feb 2022 – Present

- Orchestrated development of space usage monitoring system in **QlikSense** with **Python**, resulting in a 25% reduction in storage-related issues and enhancing data-driven decision-making capabilities.
- Worked closely with team lead to implement Python **automation scripts**, resulting in a 25% decrease in manual data entry errors and a 20% increase in overall project completion efficiency
- **Managed a team** of engineers responsible for designing, building, and operating distributed systems, including **Kubernetes** and **OpenStack**, on private infrastructure.
- Led the development and operations processes with a disciplined approach, resulting in a 15% reduction in operational incidents.
- Spearheaded the management of cloud operations, focusing on **OpenStack** and other **cloud topologies**, leading to a 25% increase in system uptime.
- Enhanced code quality and maintainability by promoting a strong commitment to **testing methodologies** and **continuous integration/continuous deployment (CI/CD)** practices.

Projects

- **Smart Door Lock System:** Designed and implemented a groundbreaking Smart Door Lock System on **Microcontroller** platform, featuring handsfree operation and cutting-edge security measures. Executed **PCB Designing** using **easyEDA** and **Embedded C** to deliver exceptional convenience and safety.
- **Welcoming Bot:** Executed the development of a sophisticated **face recognition bot** for security applications in restricted zones, leveraging **AI** and **ML** methodologies with **Python**; achieved a remarkable 30% enhancement in access control precision.
- **Web Development:** Architected a **web app** to track Covid19 data and skillfully crafted clone versions of Hulu, Google Search, and Tesla websites using a robust tech stack of JavaScript, HTML, CSS, ReactJS, and Vue.JS; these projects collectively garnered over 100,000 users and contributed to a 20% increase in overall web traffic.
- **Data Analysis:** Leveraged statistical analysis tools such as **Python, SQL, and R** Library to **extract, clean, and analyze large datasets** from Covid19, Uber Taxi Service, Bitcoin Currency, Amazon Customer predictions, and Hotel Booking, enabling evidence-based decision-making and trend forecasting.

Education

Yeshwantrao Chavan College of Engineering, Wanadongri, Nagpur	**2018 – 2022**
Bachelor of Engineering in Electronics	CGPA - 7.54
Yashoda Public School and Junior College, Nagpur	**2017 – 2018**
HSC - XIIth - PCM + Electronics	66%
Podar International School, Nagpur	**2015 – 2016**
SSC - Xth	CGPA - 9.6

Skills

- **Languages:** Python, Java, JavaScript
- **Cloud Technologies & Tools:** Microsoft Azure AZ900, DP900 certified, AWS Redshift, Google Cloud, Agile, Scrum, CI/CD, DevOps, Jenkins, Git, Ansible, Terraform, Docker, Kubernetes, OpenStack
- **Others:** Microsoft Excel, Microsoft Power BI, SQL, ETL, Informatica Power Center, Big Data, Linux, Hadoop, Airflow, Lyriko, Dataiku, GenAI