VAIBHAV SRIVASTAVA

Software Developer

CONTACT DETAILS

vaibhav.srivastava405@gmail.com
+91 872 628 3209
github.com/dm669230/
www.linkedin.com/in/vaibhav-srivastava-867b5a170/

TECHNICAL SKILLS

- Python (Rest API)
- Fast API
- Putty, WinSCP
- Linux
- Git lab, GitHub
- PostgreSQL
- Selenium
- tmux, vim tool
- Server Deployment
- Network Engineering
- Automation

TRAINING AND CERTIFICATES

- FSDS (Full Stack Data Scientist) from **ineuron.ai**
- Selenium from **Udemy**
- Machine Learning from **ineuron.ai**

EDUCATION

Bachelor of Technology in Civil Engineering
GLA University, Mathura, Uttar Pradesh
July 2017 - September 2021

PROFILE

To secure a position where I can leverage my attention to detail to develop high-performance systems and automation applications. I aim to contribute critical algorithms and collaborate with a dynamic team focused on achieving ambitious goals.

WORK EXPERIENCE

Python Developer   May 2023 - Present
Facts Online Pvt. Ltd. | Thane, Maharashtra

Client - Vodafone Idea

◆ **Zonal Excellence System**

Mar 2024 - Present

- Built high-performance FastAPI-based APIs with asynchronous processing, reducing latency by 40%, and optimized KPIs **(Key Performance indicators)** like **MTTR** and **Fiber Fault Incidence**.
- Designed PostgreSQL schemas with SQLAlchemy ORM and developed multi-threaded **ETL pipelines**, ensuring efficient data storage, consistency, and real-time KPI scoring.
- Implemented **JWT authentication** for secure API access and created real-time dashboards for effective KPI visualization.

◆ **Unified Health Check & RSN Automation**

May 2023 - Mar 2024

- Led a team in the development of a modular real-time backend **server monitoring system** using FastAPI and applied it all over the country.
- Implemented an alert dashboard that increased identification of issues by 40%, and increased system resilience by 30% through portal-based server restarts.
- Added multithreading to the application, increased server resource usage by 90%, and improved speed tenfold.
- Automatic validation processes for **site-down alarms** and trouble ticket statuses, processing over **800,000+** records daily at less than 8 percent error rate.
- Established the **Root Cause Analysis (RCA)** process for outage analysis with accuracy of 80%, generating the RCA table against **live Hadoop data**.

Cad Engineer   Jul 2021- Dec 2022
AAS Developers Pvt. Ltd. | Kanpur, Uttar Pradesh

- Created CAD models in AutoCAD and collaborated with manufacturing teams for component breakdown analysis.
- Ensured compliance with safety regulations throughout the design and manufacturing process.
- Monitored and adjusted drawings to meet project requirements and client specifications.
- Prioritized client satisfaction by making continuous improvements until project completion.