VIVEK PARDHI

+91 8888155446 pardhivivek82@gmail.com Github LinkedIn
Mumbai, Maharashtra

SUMMARY

Data Engineering and Big Data Analytics professional with expertise in SQL, Python, Machine Learning, and Cloud Computing. Seeking full-time roles in Data Engineering, SQL Development, or Data Analysis. Interested in Data Engineering and SQL, aiming to leverage my skills in building scalable data solutions and driving data-driven insights.

EDUCATION

P.G Diploma in Big Data Analytics — **Aug 2024 - Feb 2025**
C-DAC Kharghar, Mumbai, M.H., India

Master of Computer Application — **2022 – 2024**
ASM's IBMR College, Pune, M.H., India

Bachelor of Computer Application — **2019 – 2022**
D.Y Patil International University, Pune, M.H., India

TECHNICAL SKILLS

- Languages: Python, SQL
- Databases: MySQL
- Cloud Platforms: AWS (EC2, S3, IAM, VPC, Glue, Athena)
- Big Data Tools: Spark, Hive, HBase, Kafka
- Machine Learning: Supervised & Unsupervised Learning, Model Deployment, Scikit-Learn
- Data Visualization: Power BI, Matplotlib, Seaborn
- Operating Systems: Linux

CERTIFICATES

- Introduction to Cloud Computing (edX)

PROJECT

E-commerce Recommendation & Review Prediction System

- Developed an ML-based recommendation system to predict review scores and personalize suggestions, enhancing customer experience. Analyzed purchasing behavior and sentiment trends using historical data. Built an interactive dashboard and deployed the system on AWS for scalability and real-time processing, optimizing performance for large datasets.

AWS-Powered Smart City Surveillance with Real-Time Anomaly Detection

- Developed a real-time anomaly detection system for smart city surveillance using Kafka and Spark Structured Streaming. Captured and processed video feeds with a pre-trained autoencoder, enabling real-time anomaly detection. Implemented an alert system to notify stakeholders when anomalies exceed a set threshold.

Loan Default Risk Analysis Using EDA

- Conducted EDA to uncover key factors influencing loan defaults, focusing on income stability, loan amounts, and employment history. Analyzed consumer and loan attributes to enhance risk assessment models and optimize loan approval strategies. Utilized Python, Pandas, and Seaborn for data cleaning, visualization, and deriving actionable insights to minimize financial risks in consumer finance.