Sahil Karande

skarande220@gmail.com   —   +91 7410789838   —   Navi Mumbai, Maharashtra   —

Professional Summary

I'm a highly motivated and aspiring Data Engineer skilled in **Python**, **SQL**, and **data integration**. Eager to apply hands-on knowledge of **AWS**, **Azure**, **MongoDB**, **Power BI**, **Streamlit**, and **data pipeline development**. Passionate about continuous learning, **data quality**, and **performance optimization**. Ready to contribute and grow in a dynamic, results-driven environment.

Education

PG Diploma in Big Data Analytics   *Feb 2025 – Aug 2025*
Centre for Development of Advanced Computing, Mumbai, MH

B.Tech in Computer Engineering   *Jul 2020 – Jul 2024*
St. Vincent Pallotti College of Engineering Technology, Nagpur, MH | **CGPA:** 8.13/10

Skills & Interests

– **Languages:** Python, Java, SQL

– **Tools & Frameworks:** PySpark, Hadoop, Spark, Kafka, Power BI, Streamlit, Tableau

– **Cloud & Platforms:** AWS (EC2, S3, Lambda), Azure

– **Databases:** MySQL, MongoDB

– **Core Expertise:** Data Pipelines, ETL, Data Modeling, Real-time Processing, NLP

– **Soft Skills:** Analytical Thinking, Leadership, Adaptability, Team Collaboration

Projects

– **Hotel Booking Cancellation Analysis** — Power BI, Excel, Data Visualization — GitHub
  Built an interactive dashboard to analyze cancellation trends across hotel types, using dynamic filters and market segment insights to support data-driven decision-making for hospitality revenue teams.

– **Used Cars Price Analysis Dashboard** — Python, Streamlit, Pandas, Plotly, Seaborn — Live Demo
  Developed an interactive dashboard analyzing 7,000+ listings to extract pricing trends based on brand, fuel type, location, and ownership. Included dynamic filters, KPIs, correlation analysis, and year-wise trends.

– **Furrify – A Pet Community Website** — PHP, MySQL, HTML, CSS, JavaScript
  Developed a dynamic web platform enabling pet adoption, community interaction, and access to veterinary resources. Engineered core features like user authentication, adoption listings, and forums to enhance engagement and usability.

– **Personal Portfolio Website** — HTML, CSS, JavaScript, GitHub Pages — Live Site
  Designed and deployed a personal website to showcase projects, certifications, resume, and technical skills.

Work Experience

IIOT Intern – Solar Industries India Limited, Nagpur   *Dec 2023 – Jun 2024*

Improved process analysis by 15% using Power BI, Dash, and Python.
Deployed 3 Streamlit apps to support real-time decision-making.
Boosted production efficiency by 10% via trend analysis.
Automated reporting workflows, increasing efficiency by 25%.

Data Science Intern – Clustor Computing, Nagpur   *Jul 2023*

Built 3 Streamlit dashboards and 5 Power BI reports, reducing decision time by 20%.
Processed 50,000+ stock data rows, improving forecast accuracy by 15%.
Participated in Agile sprints, ensuring timely analytics delivery.

Achievements & Co-curricular Activities

– Technical Class Representative – CDAC DBDA Mumbai (2025)

– Presented paper at ICTIA 2024 on "Furrify: A Pet Community Website Link

– Technical Lead, GDSC SVPCET (2021–2023)