RUSHIKESH ASHOK GHOTKAR

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PROFESSIONAL SUMMARY

Engineering graduate in Artificial Intelligence and Data Science with hands-on experience in Python, SQL, Tableau, and Excel. Skilled in data analysis, dashboard development, and business intelligence to deliver actionable insights and support data-driven decision-making in a dynamic organization.

TECHNICAL SKILLS

Languages: Python, SQL, Java (Basic)
Data Analytics: Power BI, Tableau, MS Excel, Pandas, NumPy, Matplotlib, Seaborn, Plotly
Big Data: Apache Kafka, Apache Spark (PySpark), Hadoop, Apache Hive
Databases: MySQL, MongoDB, Cassandra, HBase
Machine Learning: NLP, TensorFlow, PyTorch
Cloud & CS Fundamentals: AWS (EC2, S3), OOP, Data Structures, Multithreading

EDUCATION

Post Graduate Diploma in Big Data Analytics   Aug 2025 – Feb 2026
Institute for Advanced Computing and Software Development (IACSD), Pune

Bachelor of Engineering in Artificial Intelligence and Data Science   Aug 2020 – Jun 2024
AISSMS Institute of Information Technology, Pune, Maharashtra

EXPERIENCE

Data Science Intern   Jan 2023 – Feb 2023
AHEN (Sanjay Rekha Aggregator Pvt. Ltd.), Pune, Maharashtra

- Performed market research and data analysis using Python and SQL to improve business workflows.
- Created analytical dashboards and reports using Excel and Jupyter Notebook, improving insights by 30%.
- Presented data-driven findings to management to support strategic decision-making.

PROJECTS

Real-Time Financial News Analytics using Apache Kafka and Apache Spark ML

- Developed a real-time financial news analytics system using Apache Kafka and Spark Structured Streaming to process continuous data streams.
- Implemented a machine learning–based sentiment analysis pipeline for real-time text classification.
- Designed a scalable cloud-based ETL architecture enabling SQL-based analytics on processed streaming data.
- Deployed the end-to-end pipeline on AWS to support reliable and scalable real-time processing.

Fruit Ripening Detection Using Spectrophotometry and TensorFlow

- Developed a non-destructive machine learning system to detect fruit ripening stages using spectrophotometric data.
- Performed spectral data preprocessing and feature engineering to improve model performance.
- Trained and evaluated TensorFlow-based classification models to accurately predict fruit ripeness stages.
- Delivered a real-time, non-invasive solution to improve agricultural efficiency and reduce post-harvest losses.

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals (AI-900)
- IBM SkillsBuild Certified: AI Foundations