Sachin Kumawat

Jaipur, Rajasthan | +91 9521299925 | sachinkmwt24@gmail.com | [LinkedIn Profile](#) | [GitHub](#)

Professional Summary

Analytical and business-oriented Senior Software Engineer with 4 years of experience at Capgemini and as an independent Freelancer, skilled in building scalable data pipelines and creating insight-driven dashboards. Proficient in PySpark, SQL, and Azure Databricks. Demonstrated success in improving ETL efficiency, automating data validation, and delivering KPIs to stakeholders. Actively seeking to drive product analytics and data storytelling in a product-based environment.

Technical Skills

Programming: Python, PySpark, SQL, Java, C++, Javascript
Tools & Platforms: Databricks, Azure Data Factory, Azure Synapse, Power BI, Jupyter, Git
Cloud Services: Microsoft Azure
Databases: MySQL, PostgreSQL, Azure SQL, MongoDB
Big Data: Spark, Delta Lake
Other: Excel (Advanced), REST APIs, Agile/Kanban methodologies, CI/CD Workflow

Professional Experience

Capgemini Technology Services Pvt Ltd – Senior Software Engineer
Nov 2023 – Present | Mumbai, India

- Developed and maintained scalable data pipelines in Azure Databricks using PySpark, improving ETL efficiency.
- Streamlined the ingestion pipeline using Spark and Delta tables with scheduled refreshes from Azure Blob.
- Automated data validation and cleansing processes using SQL scripts and Python notebooks, reducing manual intervention and QA time by 40%.
- Created custom dashboards in Power BI to enable business stakeholders to track KPIs and performance metrics.
- Collaborated with data engineering and QA teams in an Agile environment to ensure timely delivery of sprints.

Education

B.E. – Computer Science and Engineering
Chandigarh University, Punjab, India
2019 – 2023

Certifications

- Microsoft Certified: Azure Data Fundamentals
- Databricks Lakehouse Fundamentals
- Google Data Analytics Professional Certificate (Coursera)
- SQL for Data Science (Coursera)

Projects

Personal Finance Tracker with Predictive Analysis
Tech Stack: *Python, Flask, MySQL, Pandas, Scikit-learn, Bootstrap, Plotly*

- Developed a web app to track income, expenses, and savings goals using **Flask** and **SQLite**.
- Used **Pandas** for data processing and **Plotly** for interactive visualizations of spending trends.
- Built a **predictive model** with **Scikit-learn** to forecast future spending and help users set savings targets.
- Implemented **Bootstrap** for a responsive frontend and provided **alerts** for upcoming bills and overspending.

Real-Time Stock Market Dashboard with News Sentiment Analysis
Tech Stack: *React.js, Node.js, MongoDB, Tailwind CSS, RapidAPI, NewsAPI, Hugging Face Transformers*

- Developed a full-stack dashboard to track real-time stock prices and financial news using **RapidAPI** and **NewsAPI**.
- Scraped headlines and conducted sentiment analysis via **Hugging Face Transformers**, replacing traditional NLP tools.
- Integrated stock trends with sentiment scores to provide a unified view of market behavior and volatility.
- Designed a responsive UI in **React.js + Tailwind CSS** with interactive visualizations for intuitive user experience.