Abhishek Srivastava

Canada | +1-647-540-7262 | abhisheksrivastava613@gmail.com | linkedin.com/in/abhishek-srivastava1999/ | github.com/AbhishekSrivastava1999

SUMMARY

- Results-oriented Data Analyst with a proven ability to uncover insights and optimize decision-making through advanced data analysis and visualization. Proficient in Python, SQL, Tableau, and Excel, with expertise in building ETL pipelines, creating interactive dashboards, and performing predictive analytics. Adept at analyzing large datasets to identify trends, solve complex problems, and deliver actionable recommendations that drive business growth. Skilled in collaborating with cross-functional teams and leveraging data storytelling to communicate findings effectively.

EDUCATION

- **Conestoga College** — *Waterloo, ON*
  Postgraduate Diploma: Big Data Solutions Architecture — *May 2023 – Dec 2023*
- **Seneca College** — *Toronto, ON*
  Postgraduate Diploma: Cloud Architecture and Administration — *May 2022 – Dec 2022*
- **Trinity Institute of Professional Studies** — *New Delhi, India*
  Bachelor of Computer Applications — *2018 – 2021*

CERTIFICATIONS

- **CompTIA Data+ ce (February 2024)**
  Validates foundational data analysis skills, including data mining, visualization, and data governance.
- **AWS Cloud Practitioner Essentials (September 2022)**
  Demonstrates proficiency in core AWS cloud concepts, services, and security.
- **AWS Well-Architected (September 2022)**
  Provides expertise in designing secure, efficient, and cost-effective cloud architectures.

EXPERIENCE

- **Business Analyst** — *Feb 2021 – Jan 2022*
  Arca International — *New Delhi, India*
  - Increased quarterly planning efficiency by 15% by analyzing marketing and sales data to identify growth opportunities.
  - Streamlined ETL processes using Python, reducing data latency by 20% and improving reporting accuracy.
  - Designed and implemented Tableau dashboards viewed by 50+ stakeholders, driving data-informed decisions.
  - Optimized marketing campaign ROI by 10% by analyzing customer segmentation and improving targeting strategies.

PROJECTS

- **AWS Two-Tier Web Application Deployment** | *Python, Docker, MySQL, AWS*
  - **GitHub Repository** Source code demonstrating a two-tier architecture with containerized MySQL and Flask applications.
  - Optimized deployment pipelines with Dockerfiles and `requirements.txt`, ensuring efficient builds.
  - Configured scalable architecture with dynamic variables for seamless integration.
  - Implemented high-availability architecture on AWS, reducing potential downtime.
- **Credit Card Fraud Detection Using Machine Learning** | *Python, Scikit-learn, Pandas*
  - **GitHub Repository** Developed a machine learning model achieving 94.5% accuracy in identifying fraudulent transactions.
  - Enhanced precision using oversampling techniques and PCA-transformed features.
  - Visualized transaction patterns with Matplotlib, leveraging PCA-transformed anonymized features.
- **News Sentiment Analysis with Spark** | *Python, Apache Kafka, Spark, GCP*
  - **GitHub Repository** Real-time pipeline using Kafka and Spark, processing 1M+ records with sentiment classification models.
  - Streamed and stored news data in HDFS for large-scale analysis and visualizations.
  - Trained sentiment classification models using Spark ML for distributed data processing.

TECHNICAL SKILLS

- **Programming & Query Languages:** Python, SQL, Java
- **Big Data & Cloud Tools:** Spark, Hadoop, AWS (EC2, S3, RDS, Lambda, EMR), GCP
- **Data Analysis & Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib
- **DevOps Tools:** Docker, Git
- **Visualization Tools:** Tableau, Power BI