SHREEKAR JAYARAM

Data & Automation Specialist | AWS Certified | Python Expert

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Summary

Seasoned Analyst with expertise in Python-Selenium automation, data analysis, and performance testing. Successfully automated 300+ test cases, reducing manual intervention by 95%. I am proficient in SQL, Hive, Spark, and data visualization tools like Tableau and Power BI. Skilled in integrating advanced analytics and AI methodologies to ensure 98% defect-free releases and optimize testing workflows.

Professional Experience

Freelance Data & Analytics Consultant, Bengaluru India (Remote)   **Aug 2024 - Present**

- Developed and deployed automation scripts to extract data via APIs, transforming raw data into structured reports and dashboards.
- Built scalable data workflows using Python and SQL, reducing manual data prep by 50%.
- Created dynamic dashboards in Tableau/Power BI, improving reporting speed by 40%.
- Focused on continuous upskilling by implementing end-to-end projects across data engineering and analytics.

Industrility, Seattle, USA – Data Analyst   **Jan 2024 - Jul 2024**

- Developed and managed AWS data pipelines, reducing data latency by 30%.
- Designed and implemented interactive dashboards in QuickSight, boosting operational efficiency by 20%.
- Led AWS cost optimization, saving 25% in monthly cloud expenses.
- Collaborated across teams to gather requirements and deliver high-quality solutions.

Western Digital, Bengaluru India – Automation Engineer   **Jan 2019 - Dec 2021**

- Automated 300+ Python-Selenium test cases, cutting validation time by 60%.
- Developed UI automation scripts using Cypress and Playwright.
- Enhanced automation efficiency, reducing test execution time by 30%.
- Conducted data analysis using Tableau and Power BI, contributing to a 98% defect-free release rate.
- Performed performance analysis and stress testing with Jenkins and JMeter.

Nth Dimenzion, Bengaluru, India – Software Engineer   **Jan 2018 - Dec 2018**

- Enhanced ERP system data quality and reliability.
- Designed and implemented data visualization solutions, increasing ERP data accessibility by 15%.
- Ensured data integrity, achieving a 95% error-free dataset and reducing reported issues by 90%.

Skills

- Languages & Tools: Python, SQL, Excel, Tableau, Power BI, Git
- Cloud & Big Data: AWS, Azure, GCP, Spark, Big Data Technologies
- ML & AI: Neural Networks, Random Forests, TensorFlow, PyTorch

- Other: UNIX, Deep Learning, Data Modeling, DAX

Education

M.S. in Business Analytics - Wichita State University, Kansas, USA **Jan 2022 – Dec 2023**

B.E. in Computer Science - Visvesvaraya Technological University (VTU), India **Sep 2013 – Jun 2017**

Certifications & Training

- AWS Certified Cloud Practitioner **Oct 2023**
- Python and Advanced Selenium SDET Course – QSpiders **Jun 2025 – Present**

Academic Projects

- Freddy's USA Efficiency: Improved efficiency by 15% using ML.
- Stroke Prediction: Achieved 85% accuracy.
- Energy Cost Reduction: Saved 5% using Tableau analysis.
- Stock Market Analysis: Outperformed market by 12%.