

Shreyas K

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PROFESSIONAL SUMMARY

Data Analyst with 1.5 years of experience working across the full software development life cycle. Proficient in Python, SQL, Power BI, and Tableau with a strong focus on transforming raw data into clean, reliable, and actionable insights. Experienced in data validation, testing workflows, and ensuring data quality, with a strong interest in contributing to both Data Analytics and Quality Assurance (QA) roles. Certified in Data Science and AWS Cloud.

EDUCATION

Bachelor of Engineering (Information Science and engineering) 2019 - 2023
MAHARAJA INSTITUTE OF TECHNOLOGY Grade: 7.2/10.0

EXPERIENCE

Software Engineer February 2023 - May 2024
Specbee *Remote*

- Contributed across the full SDLC for Drupal-based applications in Agile environments, ensuring stable and quality-driven releases.
- Optimized MySQL database workflows and backend processes using SQL and Python, improving data organization and system performance.
- Applied debugging, data validation, and integrity checks using Python scripts to maintain clean, reliable datasets for reporting and analytics.
- Supported CI/CD pipelines and infrastructure deployments, enhancing data accuracy and operational efficiency.

PROJECTS

Social Media (META) Analysis - SQL ([Github](#)) January 2026

- Analyzed Instagram engagement data (100 users, 257 posts, 8.7K+ likes, 7.4K+ comments) using SQL to identify interaction and reach trends.
- Applied CTEs, window functions, and aggregate queries to compute KPIs and engagement scores, identifying 31 high-performing users (18 with score 100).
- Built Excel dashboards to visualize insights and support data-driven campaign decisions.

IT Support Ticket Analysis - Excel ([Github](#)) August 2025

- Performed end-to-end analysis of large-scale support ticket data using Excel, including data cleaning and standardization to ensure accuracy.
- Conducted exploratory analysis (pivot tables, summary statistics) to evaluate resolution time, agent performance, and workload efficiency.
- Built an interactive KPI dashboard to identify bottlenecks and recommend strategies to improve service delivery and reduce resolution time.

Ubicquia ([Demo](#)) June 2023

- Validated high-volume streaming data pipelines to ensure data quality, integrity, and BI readiness.
- Performed analytical testing and debugging to verify application outputs before visualization.
- Supported data validation across the SDLC and collaborated on AWS deployments to maintain release accuracy and system stability.

CERTIFICATIONS

Certified Data Analyst on the part of the Professional Certification In Data Science & Artificial Intelligence.
Newton School ([Link](#)) January 2026

- Completed a comprehensive data science program covering Python, SQL, statistics, machine learning, and data visualization (Power BI/Tableau).
- Gained hands-on experience through real-world projects, capstone assignments, and industry-focused case studies.
- Developed practical skills in data cleaning, analysis, dashboarding, and business analytics to support data-driven decision making.

AWS reStart Tata Strive ([Link](#)) December 2024

- Completed AWS re/Start, a cloud-focused training program emphasizing real-world, scenario-based learning.
- Acquired foundational cloud skills including AWS compute, storage, networking, and security concepts.

- Trained through hands-on labs, guided mentorship, and instructor-led coursework to prepare for cloud-related roles.

SKILLS

Computer Languages: Python, HTML, JavaScript, PHP, Java, SQL, SQL, Python

Data Tools: Power BI, Power BI

Software Packages: Kubernetes, Figma, Linux, UNIX, JQuery, Bootstrap, Excel, MySQL, Excel

Soft Skills: Decision-making, Critical Thinking, Communication Skills

Others: Tableau, AWS, Jira, Git and Github, Docker, Terraform, Spreadsheet, Generative AI, Problem-Solving, Analytics, Documentation Writing, Google Cloud Platform, GitHub Actions

EXTRA-CURRICULAR ACTIVITIES

Professional Events

Engagements

- Attended the 3rd *Symposium on Data for Public Good* at the Indian Institute of Science (IISc), Bengaluru.
- Gained valuable insights on how data can drive societal impact, sustainable development, and responsible innovation.
- Engaged in discussions and networking sessions with industry experts, researchers, and thought leaders in data science.