

Rahul Saini

Data Analyst

Birmingham, AL, USA

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Adaptable data analyst skilled in Python, PL/SQL, and Tableau, with expertise in process optimization and cost reduction. Proven track record of leveraging data insights to drive solutions, achieve cost savings, and boost productivity.

AREAS OF EXPERTISE

- **Data Analysis and Visualization:** Tableau, Excel, Google Sheets, Python (Pandas, NumPy), Data Visualization
- **Programming and Automation:** PL/SQL, AWS Lambda, Step Functions, S3, SNS
- **Database Management:** Oracle, PostgreSQL, AWS Redshift
- **Big Data Tools:** Informatica ETL, Apache Spark
- **Web Development:** React JS, Node JS, Next JS, Tailwind CSS, Sanity
- **Additional Tools:** Photoshop, Lightroom, Figma

KEY ACCOMPLISHMENTS

- Automated financial workflows reducing manual effort and improving accuracy, achieving a 90% decrease in processing time.
- Designed and deployed dashboards and data integration frameworks, enhancing operational insights and SLA compliance monitoring.
- Optimized AWS cost utilization, driving over \$40,000 in savings through detailed analysis of usage patterns and discrepancies.
- Delivered real-time data visualizations and streamlined reporting processes, reducing delays and improving decision-making efficiency.

PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES

Data Analyst

Hyderabad, India

Jan 2023 – Jul 2023

- Automated financial planning and accounting tasks by leading a team of 5, utilizing PL/SQL, Lambda, Step Functions, and SNS notifications.
- Reduced financial processing time by 90%, from one week to 45 minutes, by implementing efficient data automation.

TATA CONSULTANCY SERVICES

Systems Engineer

Hyderabad, India

Aug 2022 – Dec 2022

- Built a data integration framework using PL/SQL and Informatica to consolidate data from AWS Redshift and Oracle databases.
- Created a Tableau dashboard to track SLA timings, job performance, and delay causes, enhancing operational insights.

TATA CONSULTANCY SERVICES

Associate Systems Engineer

Hyderabad, India

Mar 2022 – Jul 2022

- Preprocessed and loaded AWS consumption data into Redshift for efficient cost analysis and visualization.
- Identified discrepancies in budgeted vs. actual costs and recommended optimizations, achieving a cost reduction of over \$40,000.

EDUCATION

UNIVERSITY OF ALABAMA AT BIRMINGHAM

Masters of Data Science, GPA 3.5

Aug, 2023 – May, 2025