Rahul S

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SUMMARY

Data Analytics graduate with hands-on experience in **Data Engineering, ETL workflows, and Data Warehousing**. Skilled in Python, SQL, Power BI, and IBM DataStage, with exposure to AWS and Linux fundamentals. Trained in designing and implementing ETL pipelines, building dashboards, and applying machine learning techniques to transform raw data into actionable insights. Eager to leverage technical expertise and problem-solving skills to contribute to data-driven business solutions.

EXPERIENCE

• GEP Solutions — *Dec 2024 - Mar 2025*
Intern — Coimbatore
- Analyzed procurement data using Excel and Power BI to generate actionable business insights.
- Contributed to a data cataloging project, improving data organization and accessibility.
- Gained practical understanding of procurement analytics, corporate workflows, and teamwork.

• Cognizant Technology Solutions — *Jun 2025 - Present*
Analyst Trainee — Chennai
- Completed 3-month intensive training on **IBM DataStage**, SQL, Python, AWS, Linux basics, ETL processes, and Data Warehousing.
- Designed and implemented ETL jobs and sequences in IBM DataStage based on requirement files.
- Created and tested sample datasets to validate ETL workflows and ensure accurate data pipeline execution.
- Worked in a team to deliver a mini-project and a final project, contributing as the ETL developer responsible for job creation, sequencing, and debugging.
- Gained hands-on exposure to enterprise data engineering workflows, best practices, and team collaboration.

PROJECTS

• Prompt Optimization for Text-to-Image Generation — *Jan 2025 - Mar 2025*
Tools: Python, Hugging Face, CLIP, Stable Diffusion, Google Colab
- Developed an AI system using NLP to refine user prompts, improving precision of text-to-image generation.
- Implemented Stable Diffusion for dynamic AI model selection based on prompt context, enhancing output relevance.

• Titanic Survival Prediction — *May 2024*
Tools: Python, Jupyter Notebook, Scikit-learn, Pandas, Matplotlib
- Developed a logistic regression model predicting passenger survival, achieving 80.36% accuracy through feature engineering.
- Utilized Scikit-learn, Pandas, and Matplotlib for model building, data manipulation, and visualization.

• Impact of ChatGPT on Student Learning — *May 2023*
Tools: Python, Pandas, Excel
- Analyzed survey data to assess ChatGPTs impact on personalized learning, time management, and academic performance.
- Identified key trends and limitations of AI-assisted learning using Python for data processing and visualization.

EDUCATION

• Sri Ramakrishna College of Arts & Science — *Aug 2022 - May 2025*
BSc Computer Science with Data Analytics — Coimbatore, TN
- CGPA: 7.87/10

• St. Mary's Boys Hr.Sec School — *Jun 2020 - May 2022*
HSC Computer Science — Thoothukudi, TN
- Percentage: 65.33%

• C K T Matric Hr.Sec School — *Jun 2019 - May 2020*
SSLC — Ettayapuram, TN
- Percentage: 66%

ASSESSMENT

- **TCS National Qualifier Test (NQT)** *Jul 2025*
  Candidate ID: 22071568112 Coimbatore
  - ◦ Cognitive - Numerical Ability: 49.44% (296.62 / 600)
  - ◦ Cognitive - Verbal Ability: 73.17% (439.04 / 600)
  - ◦ Cognitive - Reasoning Ability: 64.09% (384.54 / 600)

SKILLS

- **Programming & Databases:** Python, SQL, MySQL
- **Data Analysis & Visualization:** Excel, Power BI, Tableau, Pandas, NumPy, Matplotlib, Seaborn, Data Modeling, KPI Dashboards
- **Machine Learning & AI:** Scikit-learn, TensorFlow, Hugging Face, Stable Diffusion, Prompt Engineering, NLP
- **Data Engineering Concepts:** ETL Processes, Data Warehousing, Data Pipelines (Basics), CTE
- **Cloud & Tools:** AWS (Basics), Google Cloud (Basics), Google Colab, Jupyter Notebook, Alteryx Designer (Basics)
- **Soft Skills:** Problem-Solving, Communication, Teamwork, Fast Learner, Adaptability

CERTIFICATIONS

- **Google** Build Real World AI Applications with Gemini and Imagen *Jun 2025*
- **Deloitte (Forage)** Data Analytics Job Simulation (Skills: Tableau, Excel) *Jun 2025*
- **AWS Educate** Intro to Generative AI *Apr 2025*
- **AWS Educate** AWS Well-Architected Foundations *Feb 2025*
- **IBM** Generative AI: Prompt Engineering Basics *Mar 2025*
- **Google Cloud Skills Boost** Intro to Generative AI *Nov 2024*
- **Udemy** Python Basics, SQL for Beginners, Cloud Basics for Data Professionals, Intro to ChatGPT *Mar 2025 - Apr 2025*
- **Tableau** Tableau Fundamentals *Sep 2024*
- **Alteryx** Machine Learning Fundamentals Micro-Credential (Expires Aug 2026) *Aug 2024*
- **LinkedIn Learning** *2024 - 2025*
  Completed professional courses including *Getting Started with Power BI*, *What is Generative AI?*, *Increase Your Flexible Thinking Skills*, and *Communicating Across Cultures*, enhancing both technical and soft skills.

PUBLICATIONS

[J.1] **Prompt Optimization for Improved Text-to Image and Image-to-Prompt Generation**. *International Journal of Research Publication and Reviews.* 🌐

ACHIEVEMENTS

- **Best Participants in DIGITAL Women Conference & Mobility Programme** *Feb 2024*
  Analyst Coimbatore
  - ◦ Collaborated with a 6-member team to analyze survey data from 330+ respondents on womens safety.
  - ◦ Designed a UI prototype based on survey insights, focusing on empowerment features.

VOLUNTEER EXPERIENCE

- **Director - Editorial Board** *Jun 2023 - Apr 2024*
  Rotaract Club of Sri Ramakrishna College of Arts & Science Coimbatore
  - ◦ Designed posters and managed visual content for club events.
  - ◦ Captured photography and videography for event documentation.

ADDITIONAL INFORMATION

Languages: English (Fluent), Tamil (Native), Telugu (Conversational)
Hobbies: Photography, Gardening, Travelling