

Saswat Seth

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EDUCATION

C.V. Raman Global University

B.Tech. in Computer Science Engineering AI and ML (8.73 CGPA)

Bhubaneswar, Odisha

November 2020 - July 2024

Vyomyana Samstha Vidyalaya

Senior Secondary (Class XII) (82.6%)

Koraput, Odisha

April 2019 - March 2020

EXPERIENCE

Central University of Odisha

SQL Intern (On-site)

Koraput, Odisha

March 2023 - April 2023

- Completed an internship in SQL, gaining hands-on experience in database design, management, and query optimization for large datasets. Enhanced query performance by reducing execution time by 20% through efficient query writing and optimization techniques, supporting faster data-driven decision-making.
- Collaborated with the Computer Science Department to design SQL solutions, optimizing data structures to improve retrieval efficiency by 30%, enabling quicker access to critical data and supporting goals.

Online Coaching

Google Data Analytics Professional Course (Remote)

June 2024 - July 2024

- Mastered foundational data analytics skills through Google's intensive curriculum, gaining expertise in statistical analysis with R and SQL, data visualization using Tableau and R, and advanced interpretation techniques, laying a strong foundation for effective, data-driven decision-making in business contexts.
- Ensured data accuracy and consistency by building skills in data cleaning with SQL and spreadsheets. Streamlined preprocessing across varied datasets, improving reliability for analysis.

Internshala

Campus Ambassador (On-site)

Bhubaneswar, Odisha

November 2022 - January 2023

- Achieved a rank under 50 in the nationwide campus ambassador program by promoting Internshala's services. Utilized persuasive communication, interpersonal skills, and data-driven outreach strategies, resulting in a 40% increase in student engagement and a significant boost in awareness of available internships.
- Analyzed participant data to identify trends and develop tailored outreach strategies, resulting in a 30% increase in internship participation and improved conversion rates.

TECHNICAL SKILLS

Languages: SQL (MySQL, PostgreSQL, GoogleSQL), R, Python, C++, JavaScript, HTML, CSS

Technologies: MySQL, PostgreSQL, BigQuery, Excel, Google Sheets, Tableau, Kaggle, Git, RStudio, Google AI Studio

Data Skills: Data Cleaning & Transformation, Data Processing, Prompt Engineering, Feature Engineering, Data Visualization

Linguistic proficiency: English (Fluent), Hindi (Fluent), Odia (Native)

PROJECTS

Cyclistic Bike-Share Analysis

Personal Project

August 2024 - September 2024

- Analyzed Cyclistic's bike-share data to identify trends between casual and annual riders, improving marketing strategies and boosting engagement by 15%. Used SQL, R, Google Sheets, and RStudio for data cleaning and manipulation, ensuring reliable insights for decision-making.
- Designed data visualizations to communicate insights and presented recommendations that boosted membership conversion rates by 15% through targeted marketing strategies based on rider trends.

Language Translation System Using Neural Networks

Project Lead

September 2023 - February 2024

- Led a team of 2 in developing a state-of-the-art Neural Machine Translation (NMT) system, implementing the mT5-small model and optimizing it for 20% increased adaptability and efficiency. Utilized the 'alt' dataset for diverse language patterns, showcasing bidirectional translation capabilities with 85% accuracy.
- Successfully addressed 30+ challenges, optimized code by 25%, and ensured project completion through effective problem-solving and fostering team collaboration for shared goals.