

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 (Pre-Engineering: Class XII) (82.6%)

Koraput, Odisha

April 2019 - March 2020

EXPERIENCE

Central University of Odisha

March 2023 - April 2023

SQL Intern (On-site)

- Completed a comprehensive internship focused on SQL (Structured Query Language), gaining hands-on experience in database management and query optimization.
- Collaborated closely with the Computer Science Department to develop and implement SQL solutions, effectively navigating complex data structures and enhancing data retrieval efficiency.

Online Coaching

June 2024 - July 2024

Google Data Analytics Professional Course (Remote)

- Mastered foundational data analytics skills through Google's intensive curriculum, focusing on statistical analysis and data interpretation techniques.
- Ensured data accuracy and consistency for meaningful insights by developing proficiency in data cleaning using SQL and spreadsheets across diverse datasets.

Internshala

November 2022 - January 2023

Campus ambassador (On-site)

- Promoted Internshala's services and crafted effective marketing strategies that boosted internship interest by 30% among students, achieving a top-50 rank in the ISP-32 campus ambassador program nationwide.

TECHNICAL SKILLS

Languages: SQL, R, Python, C++, JavaScript, HTML, CSS

Technologies/Frameworks/Libraries: MySQL, PostgreSQL, Excel, DBMS, Git, OpenCV

Data Skills: Data Collection, Data Cleaning and Transformation, Data Processing, Data Quality Assurance, AI/ML Modeling

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

PROJECTS

Language Translation System Using Neural Networks

Project Lead

- 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.

Cyclistic Bike-Share Analysis

Personal Project

- Conducted an exploratory data analysis on Cyclistic's bike-share data to identify usage patterns between casual riders and annual members, generating actionable insights for marketing strategies. Utilized SQL, R, Google Sheets, and RStudio for data cleaning, validation, and manipulation, ensuring a consistent and reliable dataset.
- Created compelling data visualizations and presented data-driven recommendations aimed at increasing member conversion rates.