

Saswat Seth

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EDUCATION

C.V. Raman Global University

B.Tech. in Computer Science Engineering AI and ML (8.61 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)

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

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

Technologies/Frameworks/Libraries: MySQL, PostgreSQL, Bootstrap5, Git, OpenCV, Excel, DBMS

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.

OpenCV Project

Personal

- Developed image processing tools: Color Picker and Virtual Paint system with hand tracking algorithms, improving processing speed by 30%.
- Led creation of an efficient Document Scanner with advanced edge detection and image stitching and contributed to a License Plate Recognition system achieving 88% accuracy.