

Sabin Raut

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EDUCATION

Bachelor of Science in Information Systems

Expected - August 2025

St. Cloud State University (SCSU), St. Cloud, MN

- Program nationally accredited by Association to Advance College Associates (AACSB)
- Recipient of Dean list and Outstanding Leadership Award in Spring 2022
- Full-time student while working 20 hours weekly.
- An Active Member of Information System and Botanical Society of St. Cloud State University.

RELEVANT EXPERIENCE

PRIVATE TUTOR, SCSU

May 2022 – Jan 2025

St. Cloud State University, Saint Cloud, Minnesota

- Provided one-on-one tutoring sessions for SCSU students in subjects including mathematics, physics, biology, and chemistry.
- Developed customized lesson plans to address individual student needs and learning styles.
- Assisted students in understanding complex concepts, improving problem-solving skills, and preparing for exams.
- Monitored student progress and adjusted tutoring methods to enhance learning outcomes.
- Communicated regularly with students to provide feedback and support academic growth.

SHIFT SUPERVISOR, SCSU LIBRARY

July 2023 -Dec 2024

James w. Miller, Saint Cloud, Minnesota

- Supervised a team of library staff during assigned shifts, ensuring smooth operations and high-quality customer service.
- Scheduled and coordinated staff shifts to maintain adequate coverage and efficient workflow.
- Provided training and ongoing support to new and existing employees, fostering a collaborative and knowledgeable team environment.
- Monitored and resolved patron inquiring and concerns, enhancing the overall library experience.

TECHNICAL SKILLS

- Programming: **Java, Python, SQL, JavaScript, HTML/CSS**
- Data Analytics: **Excel, SQL, Tableau, Power BI, Python (Pandas, NumPy, Matplotlib)**
- Database Management: **MySQL, PostgreSQL, MongoDB**
- Cloud Computing: **Azure, AWS (Basics)**
- Tools: **Excel (VLOOKUP, Pivot Tables, Macros), GitHub, JIRA**

VOLUNTEER EXPERIENCE

- Donor Ambassador – Red Cross (2024 – Present)
- Assisted in blood donation drives, managing donor registrations and logistics.
- Youth Corps Member (Summer 2024)
- Engaged in community service, including environmental sustainability projects.

ACCOMPLISHMENTS

- **Google Data Analytics Certificate** (*In Progress*)
- **SQL for Data Science – Coursera** (*2024*)

PROJECTS

- Legislative Voting System Database (IS 443)
- Designed and implemented an Entity-Relationship Diagram (ERD) for a legislative voting system in the U.S. House of Representatives.
- Normalized database schema to reduce redundancy and improve query efficiency.
- Developed complex SQL queries to retrieve and analyze voting records efficiently.
- Car Rental Business Database Optimization (IS 443)
- Identified data redundancy issues and optimized database structure for a car rental company.
- Used SQL queries and indexing techniques to improve search performance.

INTERESTS

- Cybersecurity & Risk Management, AI & Automation in Business, Database & Cloud Computing.
- Traveling, making music, and reading books in leisure time.