

JESSICA TIWARI

STUDENT

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SUMMARY

I am a student pursuing a degree in Computer Engineering with a deep interest in data science and cloud services. I have a strong foundation in Python, SQL, and software development and a commitment to continuous learning. Through various projects, I have gained experience in cloud-based technologies and data-driven solutions, which I aim to apply in a dynamic, collaborative environment.

EDUCATION

College of Information Technology and Engineering

Bachelor's in Computer Engineering
2020-present

St.Xavier's College

A-level
2017 – 2019

EXTRACURRICULARS

Member of NGO

- Engaged in leadership workshops, skill-building seminars, and community service activities such as volunteering at orphanages and senior care homes.

Math Marathon Organizer

- Organized 'Math Mela', fostering teamwork and analytical thinking through collaborative problem-solving events.

Library Volunteer

- Assisted in shelving books, helping patrons, and maintaining the library facilities at the national library.

Sports Week Organizer

- Coordinated and managed the organization of Sports Week at my college, overseeing event logistics, team formations, and scheduling.
- Worked closely with faculty and student volunteers to ensure smooth execution of various sports events, fostering teamwork and active participation.

EXPERTISE

- Programming Languages:** Proficient in Python, and C++
- Data Structures and Algorithms:** Solid understanding and practical application
- Database Management:** Knowledgeable in MySQL and MSSQL
- Web Development:** Skilled in HTML, CSS, and JavaScript
- Problem-Solving:** Strong problem-solving abilities and analytical skills
- Team Collaboration:** Excellent teamwork and collaboration in project environments
- Continuous Learning:** Engaged in online courses to understand libraries such as pandas and NumPy.

PROFESSIONAL EXPERIENCE

Teaching Assistant

- Collaborated with professors to prepare course materials and conducted review sessions.
- Assisted students in understanding key programming and software development concepts.

Online Auction Platform Clone

- Developed a clone of an online auction platform using C++, implementing core functionalities such as user authentication and bidding systems.

MySQL in Team Projects

- Led a team in the design and implementation of CRUD operations using MySQL, enhancing my skills in database management and team collaboration.

Voice Assistant Using Python

- Integrated Natural Language Processing (NLP) libraries such as SpeechRecognition to enhance speech-to-text accuracy.
- Currently expanding functionality with face detection using OpenCV, allowing the assistant to recognize and respond to visual cues.
- Working on implementing speech translation, enabling the system to translate spoken language into various target languages using libraries like Google Translate API.