

Contact

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Education

Bachelor of Software Engineering 2020-Present
College Of Information Technology

ExtraCurricular

Teaching Assitant :As a Teaching Assistant, I collaborate with professors to prepare course materials, facilitate review sessions, and offer additional tutoring to students.

Member of an NGO : I actively engage in conducting leadership workshops, skill-building seminars, and organizing community service initiatives such as volunteering in old age care facilities or orphanages, fostering personal development

Math Marathon: I organized an event called 'Math Mela', where groups of four students collaborated to solve math problems within a given time frame. This innovative approach involved passing solutions between team members stationed in different locations, encouraging teamwork and analytical thinking.

Volunteering: In my spare time, I volunteer at the national library, where I contribute by shelving books, assisting patrons in finding materials, and aiding in the maintenance of the library's facilities

JESSICA TIWARI

STUDENT

I am a student pursuing a degree in Computer Engineering with a strong enthusiasm for software development and a deep commitment to continuous learning. Throughout my academic journey, I have gained experience in various programming languages, including Python and C++. Additionally, I possess understanding of fundamental software development concepts such as system analysis, design, and data structures and algorithms.

Expertise

- **Programming Languages:** Proficient in Python, Java, and C++
- **Data Structures and Algorithms:** Solid understanding and practical application
- **Database Management:** Knowledgeable in MySQL database management
- **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:** Committed to continuous learning and staying updated with technological advancements

Projects

- **MySQL on Team Projects:**

As the leader of the team, I was involved in the implementation of CRUD (Create, Read, Update, Delete) operations using MySQL in collaborative projects. This experience not only supported my expertise in SQL but also honed my leadership skills.

- **Online Auction Platform Clone:**

I undertook the development of a clone of an online auction platform using C++, where I replicated core functionalities such as user authentication, bidding, and product listing.

- **Python Programming Language - CODSOFT:**

During my internship program, I engaged in various projects using the Python programming language. These projects were centered around implementing major concepts of object-oriented programming, allowing me to further enhance my skills and practical knowledge in Python.

- **Cloud Computing - Cloud Counselage:**

As part of a cloud computing project, I created a proof of concept using AWS Lambda, Python programming language, and MongoDB database. This involved addressing a specific problem statement and leveraging cloud-based technologies to provide solutions.

- **Voice Assistant Using Python:**

I designed and developed a voice assistant system independently using Python, enabling real-time processing of spoken commands. This involved implementing various signal processing techniques and utilizing libraries such as SpeechRecognition and Natural Language Processing. Through this project, I not only demonstrated my proficiency in Python programming but also showcased my ability to work with emerging technologies to develop innovative solutions.