

Rohan

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SUMMARY

Computer Science Engineering student with strong foundation in C++, Data Structures, and Algorithms. Skilled in web development and database management, with hands-on experience in real-world projects such as an e-waste reward system (Ecoreward) and ergonomic assistive device (SIH). Interested in problem solving, teamwork, and building scalable solutions. Interested in applying technical knowledge and creativity in internships and collaborative projects.

WORK EXPERIENCE

C++ Intern – Cognifyz Technologies

Dec 2024 - Jan 2025

- Developed projects using C++ and Object-Oriented Programming.
- Implemented Data Structures and Algorithms to optimize problem-solving approaches.
- Collaborated in remote teams to design and debug modular programs.

Web Development Intern – Brainwave Matrix Solutions

Oct 2024 - Nov 2024

- Built and maintained front-end web applications with HTML, CSS, and JS.
- Improved website performance and layout for cross-device compatibility.
- Gained experience in industry-level web development workflows.

PROJECTS

Student Management System (C++ Console App) – [Link to Demo](#)

- Developed a console-based system to manage student data, attendance, and grades.
- Implemented using C++ classes, vectors, and file I/O for persistent storage and easy retrieval.

Ecoreward (Web App) – Team Project – [Link to Demo](#)

- Implemented user authentication, Node.js server, email notifications, and map integration for the e-waste reward system.
- Secure user login, location-based tracking, and automated email updates to enhance user experience.

Personalized Ergonomic Pen (SIH Project) – Team Project

- Handled hardware setup and data collection for grip style, hand mobility, and writing speed.
- Collaborated on CAD modeling and 3D printing to design custom ergonomic pens, improving writing comfort and efficiency.

EDUCATION

G.L. Bajaj Institute of Technology And Management, Bachelor's Degree, 2023 - 2027 8.36/10.0

Class 12th CBSE Board, 2023 91.2%

Class 10th CBSE Board, 2021 83.83%

SKILLS

Programming Languages: HTML, CSS, C, C++, Java (OOP Basics), Python (Basics)

Database: MySQL

Data Structures: DSA