

## Objective

Aspiring software developer looking for an opportunity to apply and enhance my programming skills, contribute to impactful software solutions, and gain hands-on experience in a dynamic and collaborative environment.

## Education

<b>Birla Institute of Applied Sciences, Bhimtal, India</b>	<b>2022- 2026</b>
• CSE   Percentage: 75%	
<b>Beersheba Senior Secondary School, India</b>	<b>2019 - 2021</b>
• CBSE (Class XII), Aggregate:92%	
<b>Ranibow Academy, India</b>	<b>2018 - 2019</b>
• CBSE (Class X), Aggregate: 89%	

## Projects

• <b>Compresso :</b>	<b>2025</b>
<b>Tech Stack:</b> <i>Programming Language: C++   Data Structures: Binary Trees, Priority Queues</i>	
<ul style="list-style-type: none"><li>Developed a C++ based file compressor leveraging Huffman Coding to perform efficient and lossless compression of text files, ensuring data integrity.</li><li>Implemented frequency analysis and optimal binary tree construction for generating variable-length codes tailored to character frequencies.</li><li>Utilized precise bit-level operations to encode and decode files accurately, achieving effective compression and reliable data restoration.</li></ul>	
• <b>TalentScout Interview Assistant:</b>	<b>2024</b>
<b>Tech Stack:</b> <i>Python, Streamlit, Google Generative AI, pdfplumber, python-docx</i>	
<ul style="list-style-type: none"><li>Developed an AI-driven tool using Python and Streamlit that enables users to upload resumes (PDF/DOCX) and enter candidate information for seamless processing.</li><li>Automatically generates personalized technical interview questions by analyzing resume content and facilitating interactive chatbot-based conversations using Google's Generative AI.</li><li>Streamlined the recruitment workflow by minimizing manual screening efforts, improving evaluation accuracy, and enhancing overall candidate assessment efficiency.</li></ul>	
• <b>CRUDIFY:</b>	<b>2025</b>
<b>Tech Stack:</b> <i>MongoDB, Express.js, React.js, Node.js (MERN)</i>	
<ul style="list-style-type: none"><li>CRUDIFY is a full-stack MERN web application built to demonstrate practical CRUD operations, integrating both front-end and back-end components seamlessly.</li><li>Implemented RESTful APIs for efficient client-server communication, with MongoDB handling scalable data storage and React.js powering a dynamic UI.</li><li>Focused on clean architecture and performance, delivering a smooth, user-friendly experience with intuitive design and maintainable code structure.</li></ul>	

## Extracurricular Achievements

- Successfully completed a 7-day National Service Scheme (NSS) camp, actively participating in various community service activities. (2024-2025)
- Appointed as an event coordinator for the Sustainable Development Goals (SDG) initiative, responsible for planning and organizing a successful event. (2024-2025)