

Nitin Budakoti

Dehradun, Uttarakhand

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EDUCATION

Graphic Era Hill University

Bachelor of Technology in Computer Science and Engineering

Cumulative GPA: 8.4/10

Aug 2022 - Present

Dehradun, India

COURSEWORK

- Web Development
- Database Management Systems
- Data Structures and Algorithms
- Object-Oriented Programming
- Cloud Computing
- Computer Architecture

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Java and Python

Web Tech: HTML, CSS and ReactJS

Dev Tools: VS Code, Eclipse, Colab, IntelliJ and Jupyter

Databases: NoSQL, SQL and Firebase

Frameworks: TailwindCSS

Analytics: Analytical Thinking, Research, Problem Solving and Logic building

PROJECTS

Supermarket Billing System | C++, Object-Oriented Programming (OOP)

2024

- (a) Developed a Supermarket Billing System in C++ using Object-Oriented Programming concepts.
- (b) Implemented functionalities to add items, update inventory, and generate customer bills dynamically.
- (c) Utilized file handling (`fstream`) to store and retrieve billing data efficiently.
- (d) Designed an interactive console-based interface for seamless user experience.
- (e) Applied concepts like classes, objects, constructors, and data encapsulation for better maintainability.

Zenoheal | HTML, CSS, JavaScript, React, Next.js, TailwindCSS

2024

- (a) Developed a professional and responsive landing page for a client using Next.js and TailwindCSS.
- (b) Designed a modern UI/UX to boost engagement and brand presence.
- (c) Optimized performance using Next.js features like SSR and SSG.

Movie Recommendation System | Python, Pandas, Scikit-learn, Streamlit

2024

- (a) Developed a content-based movie recommendation system using cosine similarity and TF-IDF.
- (b) Used Pandas for data preprocessing and Scikit-learn for vectorization.
- (c) Built an interactive UI using Streamlit for real-time user input and recommendations.
- (d) Helped users discover similar movies based on selected titles.

EXTRACURRICULAR ACTIVITIES

Co-Dev Club (Core Team Member 2024)

Contributed to organizing a regional IEEE conference on emerging technologies, collaborating with team members to enhance alumni experience.

Co-Dev Club (Core Team Member 2024)

Organized Arambh 2.0 at the inter-university level, contributed to GRAPHETHON 2024.

ACHIEVEMENTS & CERTIFICATIONS

- Solved 350+ problem-solving questions across various competitive programming platforms.
- Published a research paper in the IEEE conference.
- Participated in various coding contests and hackathons.