NITA PANDEY

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Summary

Enthusiastic Computer Science Engineering student passionate about technology and innovation. Skilled in analytical thinking and project-based learning to deliver effective solutions. Aspiring to grow as a software professional while contributing meaningfully to an organization.

Education

Graphic Era Hill University

SJul 2026

Bachelor of Technology in Computer Science

Bhimtal, Uttarakhand

The Asian Academy Senior Secondary School

Intermediate

Pithoragarh, Uttarakhand

The Asian Academy Senior Secondary School

2020

High School

Pithoragarh, Uttarakhand

Projects

Smart Study Planner | React, Node.is

AUG 2025

- ◆ Developed a responsive web application that generates personalized study timetables based on subjects, topics, and available hours.
- • Implemented logic, styling, and local storage to improve user productivity and experience.

AI-Assisted Compiler | Python, AI Techniques

MAY 2025

- ◆ Developed an AI-assisted compiler capable of analyzing and optimizing code for improved performance and efficiency.
- • Implemented intelligent code suggestions and error detection using AI techniques to enhance compilation accuracy and reduce runtime errors.
- ■ Integrated advanced optimization strategies to automatically identify bottlenecks and improve execution speed of programs.

Word Scramble Game | HTML, CSS, JavaScript

GitHub - JUN 2025

- ◆ Developed an interactive Word Scramble game, strengthening logic-building and DOM manipulation skills.
- ■ Implemented random word generation and validation logic, allowing users to guess and check answers dynamically.
- ◆ Enhanced user engagement with interactivity, responsive design, and smooth gameplay experience.

Skills

Programming: C, C++

Web Development:HTML, CSS, JavaScript, React

Database: MySQL, MongoDB Tools: VS Code, GitHub

Soft Skills: Communication, Teamwork, Problem Solving, Adaptability

Coursework

- Data Structures
- Operating Systems
- Object-Oriented Programming
- Database Management Systems
- Computer Networks

Certificates

- Google Cloud Computing Foundations IIT Kharagpur (NPTEL Course)
- Artificial Intelligence Infosys Springboard