

Tanuja Negi

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<https://github.com/TANUGEHU>

SUMMARY

A passionate learner of new technologies which encourage me to create different projects and increase my creativity and also keep me motivated to grow and excel, with a strong ambition to become a successful engineer.

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Sep, 2022 - Jun, 2026	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.30/10
2022	12 th , C.B.S.E	Nirmala Convent sr. sec. school	84.60 %
2020	10 th , C.B.S.E	Nirmala Convent sr. sec. school	90.20 %

PROJECTS

- **Voice Assistant** (Dec, 2023 - Dec, 2023) : Developed a voice assistant named jenny using Python, which could perform basic tasks like opening applications, browsing websites, and playing media using voice commands, with libraries such as speech-recognition and pyttsx3 .
- **Hospital Management System** (July, 2024 - July, 2024) : Developed a console based Hospital Management System using Java and JDBC(Java Database Connectivity) for efficient management of hospital operations. The system allow users to book appointments, view and update patient records and access doctor information. A MySQL database was used to store and manage data, with JDBC ensuring smooth communication between the Java program and the database.
- **Music Genre Classification** (Nov, 2024 - Nov, 2024) : Built a model which classify music tracks into its genres such as rock, jazz, classical, hip-hop, pop, using the K-Nearest Neighbor (KNN) algorithm. The project involved collecting music data, preprocessing features like tempo and rhythm, and applying KNN for classification.
- **Sahayak – Crowdsourced Disaster Relief Platform** (April, 2025 - April, 2025) : Developed a web-based platform using React.js and Firebase to connect disaster victims with volunteers in real-time. Integrated Google Maps API for location tracking, user authentication for secure access. Focused on creating an intuitive interface to streamline disaster relief efforts and resource coordination.

SKILLS

- **Technical Skills:** C, C++, Python, Git, Github.
- **SOFT Skills:** Teamwork and Collaboration, Time management and organization, Positive attitude.

CERTIFICATIONS

- **NPTEL ONLINE CERTIFICATION COURSE- Programming In Python** Issue Date: 27 Dec'23, **Developing soft skills and Personality** Issue Date: 21 Nov'24.
- **AWS Certified Introduction to Gen AI**-Issue Date: 21 Feb'25
- Participated in coding competitions hackathons organised by the University.

HOBBIES

- Playing Badminton
- Drawing

LANGUAGES

- Hindi
- English