Parampreet Singh
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ACADEMIC DETAILS

Degree/Exam	University/School	Year	CGPA/%
B.Tech. in Computer Science	Graphic Era Hill University, Dehradun	September 2022-Present	8.9/10.0
12th Grade	Greenford Academy International, Jaspur	June 2022	86.4
10th Grade	Greenford Academy International, Jaspur	April 2020	87

MAJOR PROJECTS

Cloth Inventory | C/C++ | **January 2025**
- Added functionality to manage over 100 product types with details like name, quantity, and price.
- Optimized stock updates, reducing processing time by 20%.
- Generated reports on availability and sales, cutting workload by 70-80%.
- GitHub: Cloth Inventory System

Automated Attendance System | Python, Flask, HTML | **June 2024**
- Processed attendance records for over 200 students using CSV files.
- Developed a Flask-based app for automated data analysis, achieving 100% accuracy in reports.
- Designed efficiency SQL queries for seamless data retrieval.
- GitHub: Online Attendance Taker

Tree Visualizer | JavaScript, HTML, CSS, D3.js | **September 2024**
- Visualized complex hierarchical data with support for up to 500 nodes.
- Engineered seamless updates with 80-90% refined animations, ensuring an user experience.
- Ensured robust performance, handling datasets of varying sizes efficiently.
- Live Link: Tree Visualizer

TECHNICAL SKILLS

- **Programming & Scripting Languages:** C, C++ (Object-Oriented Programming), Python.
- **Database & Libraries:** MySQL, Oracle, NumPy, Pandas, Matplotlib, SciKit-Learn.
- **Tools:** Visual Studio Code, Git, Github, Google Colab, Jupyter Notebook, PyCharm.
- **Coursework:** Machine Learning, Data Structures, Design & Analysis of Algorithms, Operating Systems.
- **Relationship-building skills:** Clear Communication, Versatility, Thoroughness, Active Listening, Empathy.

ACHIEVEMENTS

- Represented Uttarakhand at NYF_25: Tech for Viksit Bharat, showcasing innovative ideas and solutions. Among over 300 participants from across the country, Secured a place in the top 10 presenters for technical and creative solutions to societal challenges.
- Led a district-level Bhangra team, coordinating performances that engaged over 500 attendees at cultural events; developed skills in teamwork and leadership while fostering community appreciation for the arts from an early age.
- Achieved distinction for conceptualizing and executing multiple impactful projects, Drove team success in hackathons and college-level competitions.

CERTIFICATIONS

- Goldman Sachs Software Engineering Virtual Experience Program (Forage)   **February 2025**
- Big Data Computing   **November 2024**
- Google Cloud Computing (NPTEL)   **June 2023**