

Priyanshu Bisht

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Education

B.Tech in Computer Science & Engineering, Graphic Era University, Dehradun

CGPA: 9.56 / 10.0

Aug 2023 – Jul 2027

Relevant Courses: C, C++, OOPS, Data Structures

Class 12th, Rainbow Public School, Rudrapur

Percentage: 94.8%

Apr 2022 – Apr 2023

Projects

Civic Issue Complaint Management Platform – [Live Demo](#) **React, Node.js, FastAPI, Supabase, TailwindCSS**

- Build a full-stack solution for citizens to report civic issues using imageuploads, voiceinputs & geolocation tagging.
- Developed User & Admin Dashboards for submitting complaints, status updates, Map-based visualization.
- Uses a responsive Flask + JS frontend dashboard for ML-based categorization and visualization of results.
- Deployed on Render (APIs & ML) and Vercel (Frontend) providing responsive UI with React + Tailwind.

Wildlife Patrol Optimization App – [Live Demo](#)

HTML, JS, Graph Algorithms ,Mongo DB

- Developed an web application that optimizes patrol routes for over 10 ranger stations using graph algorithms.
- Employed Kruskal's MST, Ford-Fulkerson, and Bellman-Ford for path planning and coverage study.
- Permitted patrol route efficiency increase up to 40% compared with base patrol patterns.

Image Recognition Using CNN

Python, TensorFlow, CNN, OpenCV

- Trained a CNN model with over 92%+ classification precision over 5+ image classes based on TensorFlow.
- Reduced overfitting by 30% using image augmentation and dropout layers.
- OpenCV integrated for real-time processing of images.

Personal Finance Management System

HTML, CSS, JS

- Finance-Manager, is an online platform that allows users to manage their finances effectively.
- Enable users to track their incomes, expenses and prominent financial health.
- Better control over their financial situations, make informed decisions and achieve their financial goals by better analysis.

Skills

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

Development: HTML, CSS, JavaScript, Node.js, Flask

Version Control: Git, GitHub

Databases: MongoDB, MySQL

Soft Skills: Collaboration & Teamwork, Public Speaking, Open to Feedback, Communication

Achievements

- **2-Star Coder (1480 Max Rating)** on [CodeChef](#)

- Solved **350+** questions on [LeetCode](#)

- Competed among more than 30 teams in IdeathonX hackthon organised by Graphic Era University , Dehradun and came out as Runner up .

Extracurricular Activities

– **Project Team Member**, Team Designnovation Hub – Graphic Era University

Aug 2024 – Aug 2025

– **Qualified NDA SSB Screening Round**