Himani Dobriyal

+91 9149020281 — Uttarakhand, INDIA

himanidobriyal8@gmail.com — linkedin.com/in/himani-dobriyal/

himanidobriyal.netlify.app

OBJECTIVE

B.Tech IT student with practical experience in full-stack web development and GIS-based research, aiming to contribute to impactful projects in web technology, urban planning tools, or AI applications.

EDUCATION

Bachelor of Technology in Information Technology   **2022-2026**
Banasthali Vidyapith, Rajasthan, India   **CGPA: 8.78**
Relevant Coursework: Data Structures Algorithms, Web Development, Remote Sensing GIS.

SKILLS

Technical Skills : C, C++, DBMS, HTML5, CSS3, JavaScript, ReactJS, NodeJS, MongoDB, Google Earth Engine (GEE), Python (Basic), Git & GitHub
Soft Skills Team Collaboration, Problem Solving, Communication, Public Speaking
Tools/Frameworks: VS Code, DevC++, GEE, Oracle DB, Vite

EXPERIENCE

Project Intern   May 2025 - July 2025
IIRS-ISRO   *Dehradun, Uttrakhand*

- Analyze urban green space change using Sentinel satellite imagery and Google Earth Engine.
- Performed LULC classification and supervised classification models for time-series data analysis.
- Developed a web tool for extraction and visualization of geospatial insights for urban planning research.

Intern Web Development   June 2024 - July 2024
Codsoft   *Remote*

- Designed and developed responsive landing pages and personal portfolio website using HTML, CSS, and JavaScript.
- Focused on clean UI, modern layouts, and cross-device compatibility.

PROJECTS

Web-Based Geospatial Map Tool for Urban Planning. Developed a web-based tool for urban green space monitoring & analysis using Google Earth Engine.Enabled visualization, classification, and extraction of land use/land cover(LULC) data from Sentinel imagery for urban planning and sustainability research. Automated year-wise data analysis and created clear map-based insights for decision-makers.

Mentor-Mentee System. Designed and built a full stack web-based platform for academic project management.Developed features for automated email ,announcements, team formation,messaging, feedback and marks tracking keeping secured user authentication, and data storage

EXTRA-CURRICULAR ACTIVITIES

- NSS Volunteer for 2 years: plantation drives, donation campaigns, awareness activities.
- Secured 2nd position in Youth Parliament: developed strong public speaking, debating, and leadership skills.

LEADERSHIP

- Core Organizer: Managed tech fest MAYUKH 'Pirates of the Silicon Sea', merging cultural roots with modern tech innovation.

- Team Lead: Coordinated student teams, handled social media outreach, Content planning and ensured successful event execution.