

# BHANU

+91-7500659356 | [Bhanubasyan@gmail.com](mailto:Bhanubasyan@gmail.com) | [Portfolio](#)

[LinkedIn](#) | [GitHub](#) |

Haridwar, Uttarakhand - 247671, India

## OBJECTIVE

Motivated and results-driven Full Stack Web Developer Intern with a solid foundation in modern web technologies, including HTML, CSS, JavaScript, React, and Node.js. Experienced in building and deploying responsive web applications with a focus on delivering high-quality, scalable solutions. Seeking to leverage hands-on expertise in full-stack development to contribute to innovative projects and grow with a dynamic software development team.

## EXPERIENCE

- **CodSoft [Certificate]** September 2023 - October 2023  
India  
*Web Development Intern*
  - **Improved and deployed** \*\*three responsive web applications\*\* (a personal portfolio, calculator app, and landing page) using HTML, CSS, and JavaScript.
  - **Boosted UI/UX design** by creating user-friendly layouts and optimizing page performance, resulting in a \*\*15% increase in user engagement\*\*.
  - **put into clean coding practices** and \*\*maintained version control with Git and GitHub\*\*, reducing code merge conflicts by \*\*10%\*\*.
  - **Consistently delivered** projects on time, gaining hands-on experience in front-end development and problem-solving within a professional internship setting.
- **Bharat Intern [Certificate]** September 2023 - October 2023  
Remote  
*Web Development Intern*
  - **Built interactive projects**, including a Weather App with API integration, a Netflix Clone (front-end UI), and a Temperature Converter using HTML, CSS, and JavaScript.
  - **Utilized core front-end development principles** to create responsive and visually appealing web interfaces.
  - **Strengthened skills in API handling**, DOM manipulation, and responsive design through real-world tasks.
  - **Refined time management and project delivery** by completing all assigned tasks within internship deadlines.

## EDUCATION

- **Veer Madho Singh Bhandari Uttarakhand Technical University** Sep 2022 – Jun 2026  
Dehradun, India  
*Bachelor of Technology (B.Tech) in Computer Science & Engineering*
  - **Current GPA:** 7.01 / 10.00 (till 6th Semester)
  - **Key Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Web Development
- **Government Inter College Niranjanpur** 2022  
[Haridwar, India]  
*Higher Secondary Education (Class XII) – UBSE/State Board*
  - **Percentage:** 70%
  - **Core Subjects:** Physics, Chemistry, Mathematics
- **Government Inter College Niranjanpur** 2020  
[Haridwar, India]  
*Secondary Education (Class X) – UBSE/State Board*
  - **Percentage:** 83.2%

## PROJECTS

- **Portfolio Website (Highlight Project)** May 2024 - July 2024  
[Web]  
*Tools: React, Tailwind CSS, JavaScript, GitHub Pages*
  - **Designed and developed a responsive personal portfolio website**, showcasing projects, articles, and open-source contributions.
  - **Implemented modern front-end technologies** (React, Tailwind CSS) to create an optimized UI/UX.
  - **Integrated a unique resume comparison feature**, demonstrating innovative problem-solving skills.
  - **Deployed the website on GitHub Pages**, establishing a professional online presence.
- **Text-to-Speech Converter** Aug 2024 - Sep 2024  
[GitHub]  
*Tools: HTML, CSS, JavaScript*
  - **Built a web-based tool to convert text into natural-sounding speech** using the SpeechSynthesis API.
  - **Upgraded accessibility** by supporting multiple voices and languages.
  - **Applied responsive design principles** to ensure cross-device usability.

- **File Encryption Tool** Apr 2024  
[GitHub]  
*Tools: JAVA*
  - Executed the AES algorithm for secure file encryption and decryption.
  - Expanded a simple Command-Line Interface (CLI) to enable easy usage for non-technical users.
  - Fine-tuned data privacy and protected sensitive files from unauthorized access.
- **Carbon Footprint Tracker (Ongoing)** Sep 2025 - Present  
*Tools: React Native, Node.js, MongoDB, Google Maps API*
  - Developing a mobile application to calculate and visualize individual and community carbon footprints.
  - Integrating APIs to track transport and energy usage to promote sustainability awareness.
  - Focusing on climate-tech innovation to encourage eco-friendly practices.

## RESEARCH WORK / PUBLICATIONS

---

- **Ongoing Research: Design and Implementation of a Web-Based Carbon Footprint Tracker** Nov 2025 – Present  
*Under Review / In Progress*
  - Developing a web-based model for estimating and visualizing carbon emissions using data purification, model training, and predictive analytics. Integrates React (frontend) and Node.js (backend) for real-time sustainability tracking.
- **Future Research: Predictive Modeling for Climate Impact Assessment** Expected – 2026  
*Conceptual Stage*
  - Designing ML models involving regression and deep learning approaches to forecast environmental impacts from human activities. Focus on preprocessing, feature extraction, and deployment for real-time analysis.

## SKILLS

---

- **Programming Languages:** JavaScript, HTML5, CSS3, C++
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Bootstrap, Tailwind CSS
- **Databases:** MySQL
- **Machine Learning & Data Science:** Python (NumPy, Pandas, Scikit-learn), Data Visualization, Model Training & Evaluation, Data Preprocessing, Regression & Classification Techniques
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Jupyter Notebook
- **Concepts & Methodologies:** RESTful APIs, UI/UX Design, Problem Solving, Agile Methodology, Team Management

## HONORS AND LEADERSHIP

---

- **Campus Ambassador** 2025 – Present  
[Certificate]  
*IIT Roorkee*
  - Represented IIT Roorkee as a Campus Ambassador, leading outreach and engagement activities for students and communities.
  - Organized and coordinated multiple events, workshops, and webinars, impacting over 200+ participants.
  - Initiated campaigns to increase student participation and collaboration, demonstrating proactive leadership and strategic planning.
  - Developed strong communication, team management, and problem-solving skills through cross-functional collaboration.
- **Team Leader – Carbon Footprint Tracker Project (Ongoing)** 2024 – 2025  
*UTU*
  - Led a team of 4 students to develop a full-stack Carbon Footprint Tracker web application, which resulted in a 10% reduction in average carbon emissions during the initial testing phase.
  - Coordinated all aspects of the project, including task allocation, development timelines, and code reviews, ensuring high-quality, on-time delivery.
  - Mentored team members in front-end and back-end development, API integration, and UI/UX design.
  - Improved overall team collaboration and project management skills while implementing a real-world sustainability solution.
- **Flipcard Grid 6 Quiz Competition Certificate** 2025  
[Organization Name] [Certificate]
  - Achieved certification in the Flipcard Grid 6 Quiz Competition, showcasing problem-solving and analytical skills.
  - Performed under time constraints, demonstrating persistence and strategic thinking.
- **Panchayat Quiz Competition Participation** 2025  
IIT Roorkee [Certificate]
  - Participated in a prestigious quiz competition, showcasing analytical ability and adaptability under pressure.
  - Enhanced professional exposure and networking by engaging with peers, mentors, and experts.