

BHANU

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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
Web Development Intern India
 - **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
Web Development Intern Remote
 - **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
Bachelor of Technology (B.Tech) in Computer Science & Engineering Dehradun, India
 - **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
Higher Secondary Education (Class XII) – UBSE/State Board [Haridwar, India]
 - **Percentage:** 70%
 - **Core Subjects:** Physics, Chemistry, Mathematics
- **Government Inter College Niranjanpur** 2020
Secondary Education (Class X) – UBSE/State Board [Haridwar, India]
 - **Percentage:** 83.2%

PROJECTS

- **Portfolio Website (Highlight Project)** May 2024 - July 2024
Tools: React, Tailwind CSS, JavaScript, GitHub Pages [Web]
 - **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
Tools: HTML, CSS, JavaScript [GitHub]
 - **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

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.

Apr 2024

[GitHub]

• 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

IIT Roorkee

[Certificate]

- 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.