

AMAN SINGH KUNWAR

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PROFESSIONAL SUMMARY

Full Stack Developer passionate about building responsive and sustainable web solutions. Experienced in both **frontend** and **backend** development through hands-on projects and national-level hackathons. Skilled in React, Node.js, Express, and MongoDB. Developed **EcoCommute**, an AI-based sustainable commuting platform integrating APIs for weather, emissions, and routing. Dedicated to creating efficient, impactful, and eco-friendly digital products through teamwork and innovation.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JavaScript, HTML, CSS, Docker, REST APIs

EDUCATION

Bachelor of Technology (Computer Science & Engineering)

Dev Bhoomi Uttarakhand University • 2024-Present

Senior Secondary (UK Board)

S.G.S.V.M. Inter College, Dehradun, Uttarakhand • 2023 • 93.60% • 18th rank in merit list

EXPERIENCE

Developathon Surge x DBUU | National Level Hackathon

(Oct 2025, DBUU Dehradun)

- Secured **1st position** among 50+ teams in a 24-hour development-based hackathon organized by Dev To DSA and DBUU.
- Led frontend and integration for **EcoCommute**, an AI-based sustainable transport planner.
- Collaborated with backend and ML developers to ensure smooth deployment and functionality.

Social Internship | Aasraa Trust

(Jul 2025 – Aug 2025, Dehradun)

- Worked as a student mentor, guiding 11th and 12th-grade students in academic and career planning.
- Conducted sessions on digital literacy and basic computer skills.
- Improved leadership and communication through direct student engagement.

PROJECTS

EcoCommute | Sustainable Smart Transport Planner

(Project Link)

Tech Stack: React, Vite, Tailwind CSS, Node.js, Express, MongoDB, APIs (ORS, OpenWeather, Carbon Interface)

- Developed a full-stack web platform that recommends eco-friendly routes using live weather and emission data.
- Integrated REST APIs and built real-time dashboards displaying travel and emission statistics.
- Implemented secure user authentication using JWT.

Portfolio Website | Personal Branding

(Project Link)

Tech Stack: HTML, CSS, JavaScript, Bootstrap

- Built and deployed a personal portfolio showcasing projects, skills, and contact links.
- Focused on responsive design and minimal UI for faster loading.

Spotify Clone | Frontend Music App

Tech Stack: HTML, CSS, JavaScript, Bootstrap

- Designed and developed a responsive replica of Spotify's user interface.
- Used modern layout techniques and CSS animations for realistic UI effects.

SKILLS

- Languages:** C, Java, JavaScript, Python
- Frontend:** HTML, CSS, React.js, Tailwind CSS, Bootstrap
- Backend & Database:** Node.js, Express.js, MongoDB
- Tools & Frameworks:** Git, GitHub, Vite, VS Code
- APIs & Integrations:** OpenRouteService, OpenWeather, Carbon Interface, REST APIs
- Soft Skills:** Teamwork, Leadership, Problem-Solving, Communication, Adaptability

CERTIFICATIONS

Full Stack Web Development • DSA with Java • Google Gen AI (Google Cloud Skills Boost)

ACHIEVEMENTS

- 1st Position – National Hackathon (Developathon Surge x DBUU, 2024)
- 5th Position – Padmavyuh 3.0 Hackathon (DBUU, Oct 2024)
- Winner – Debug Arena by Evi Sphere Tech (Oct 2025)