

SNEHIL DWIVEDI

Uttarakhand, Bhimtal 263136 ·  Portfolio
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OVERVIEW

I'm a final-year B.Tech student passionate about building user-friendly digital experiences. I enjoy solving real-world problems through thoughtful design and intuitive frontend development, and I'm excited to contribute to products that make a real impact.

SKILLS

Languages: C, C++, JavaScript, HTML, CSS, SQL

Frameworks/Libraries: React.js, Next.js, Node.js, Three.js, Redux, Bootstrap, Tailwind CSS

Databases: MySQL

Tools & Platforms: Git, GitHub, Figma, Canva, Linux

EXPERIENCE

Frontend Freelancer

Mar 2025

Swadha Organics

Remote

- Built a responsive MVP using JavaScript, Bootstrap, and CSS animations within a tight 3-day deadline.
- Designed a modern product UI deployed for project demo ([Demo Link](#)), influencing the official site's design (swadhaorganics.com).
- Helped secure Rs. 10L funding at a university hackathon through strong UI/UX and presentation.

PROJECTS

3D Portfolio Website | [Live](#)

Jun 2025

React.js, Three.js, @react-three/fiber, Next.js

- Developed an immersive 3D personal website with game-like UI using React Three Fiber and Three.js.
- Implemented smooth camera transitions, lighting, and animations to enhance engagement.
- Deployed via Vercel with performance optimization, responsive design, and dynamic routing.

JavaScript OS-Themed Portfolio | [Live](#)

Apr 2024 – Jul 2025

HTML, CSS, JavaScript, Web APIs

- Built a Windows 11-style interface with folders, draggable windows, taskbar, and desktop apps.
- Integrated 29 JavaScript projects such as Cocktail Finder, Wikipedia Viewer, and Comfy Store.
- Applied ES6+ concepts including Promises, async/await, event delegation, and modular JS.

C++ Projects | [GitHub](#)

Jul 2025

C++, File Handling, OOP, System Programming

- Created BLOB Shell, a command-line Unix shell supporting piping, background execution, and redirection.
- Developed a Library Management System using OOP principles and file-based persistent storage.
- Solidified core C++ concepts including class design, CLI interfaces, and OS-level programming.

EDUCATION

Birla Institute of Applied Sciences, Bhimtal, Uttarakhand 263136 · Bachelor of Technology in Computer Science and Engineering · CGPA: 7.5 (Till 6th Sem)
Present

ACHIEVEMENTS & CERTIFICATIONS

- Solved 300+ Data Structures Algorithms problems on [geeksforgeeks](#)
- Solved 150+ Data Structures Algorithms problems on [leetcode](#)
- JavaScript Tutorials & Projects – Udemy: [View](#)
- Prompt Engineering Certificate – IBM: [View](#)
- Google Gemini for Workspace Certificate – Google Cloud Platform / Simplilearn: [View](#)