SNEHIL DWIVEDI

Uttrakhand, Bhimtal 263136 · 🌐 Portfolio

+91-8303904036 · ✉ snehildwivedi03@gmail.com · 🔗 snehil-dwivedi · ⓞ snehildwivedi03

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 suchs 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   **2022 − Present**
  Bachelor of Technology in Computer Science and Engineering   *CGPA: 7.5 (Till 6th Sem)*

ACHIEVEMENTS & CERTIFICATIONS

- Solved 300+ Data Structures Algorithms problems on geeksfogeeks
- Solved 150+ Data Structures Algorithms problems on lceetcode
- JavaScript Tutorials & Projects – Udemy: View
- Prompt Engineering Certificate – IBM: View
- Google Gemini for Workspace Certificate – Google Cloud Platform / Simplilearn: View