VISHWAJEET SINGH

Roorkee, Uttarakhand

📞 7906651869 — ✉ Email — 🔗 Linkedin — Github

EDUCATION

Graphic Era Hill University — B.Tech CSE   Sep 2022 – June 2026
Dehradun, Uttarakhand

Sheffield International School — 12th PCM   Mar 2021 – Mar 2022
Roorkee, Uttarakhand

Shemford School — 10th   Mar 2019 – Mar 2020
Roorkee, Uttarakhand

TECHNICAL SKILLS

- **Languages:** C, C++, Python, Java, HTML, CSS, JavaScript

- **Developer Tools:** GitHub, Jupyter, QEMU, GCC, NASM

- **Database / Frameworks:** MongoDB, MySQL

- **Operating Systems:** Windows, macOS, Linux

PROJECTS

Mini Operating System — C++, Assembly   June 2025

- Engineered a custom 32-bit OS with bootloader, memory management unit, and preemptive process scheduler.

- Utilized NASM, GCC, and QEMU to implement foundational low-level OS components.

Python Code Editor — Python, Compiler   June 2025

- Developed a feature-rich GUI Python Editor using Tkinter with real-time syntax highlighting.

- Integrated error handling, direct code execution, and theme customization.

Dublin Travel Website — Full Stack   April 2024

- Built a dynamic travel guide using HTML, CSS, JavaScript, Node.js, and MongoDB.

- Enabled seamless user interaction and efficient itinerary data handling.

Resume Builder Web App — Full Stack   March 2024

- Created a responsive resume builder using HTML, CSS, JavaScript, Node.js, and MongoDB.

- Provided live preview and downloadable professional resume templates.

CERTIFICATIONS

- **Web Development** – IGNOU / SWAYAM (Jul 2024)

- **Data Structures in C** – Great Learning (Oct 2024)

- **Cloud Computing** – NPTEL (May 2025)

- **Oracle Cloud Infrastructure 2025** – Certified DevOps

LEADERSHIP & EXTRACURRICULAR

NSS Cleanliness Drive — Volunteer   Graphic Era Hill University

- Demonstrated teamwork and commitment to community service.

  Resourceful Travel Planner — Planner

- Successfully managed logistics and budgeting for independent travel.