

VISHESH SINGHAL

Insightful, Adaptive, Quick Learner

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Objective

Computer Science undergraduate seeking to contribute to innovative solutions. **Passionate** about solving **real-world problems** through quality code, continuous learning, and cross-functional teamwork.

Education

UPES Dehradun, India	2027
B. Tech(Hons.) Computer Science - Cyber Security and Forensics	CGPA: 7.65/10.00
Delhi Public School, Bhopal	2023
CBSE Higher Secondary Certificate	Percentage: 86.60/100.00
Delhi Public School, Bhopal	2021
CBSE Secondary School Certificate	Percentage: 95.40/100.00

Internship

Software Engineer Intern- Biz Digital IT Services Pvt. Ltd. *June 2025 – July 2025, Remote*

- Documented **50+** detailed manual **test cases** for user and role management modules in **HPC** and **Gen-AI based application**, increasing bug detection efficiency by **40%** during sprint QA cycles.
- Built and optimized RESTful APIs using **Flask and SQLAlchemy**, supporting secure CRUD operations with role-based access control for user data.
- Gained practical experience in **AWS Cloud Services**, including launching and managing EC2 instances, enhancing deployment and scalability understanding.

Social Work Intern- Arushi Society *June 2024 – July 2024, Bhopal, India*

- Led a team of **4 interns**, coordinated activities, and ensured project targets were met on schedule
- Developed **5+ accessible audio files**, benefiting visually impaired students in achieving their academic goals
- Instructed **20+ disabled students** in foundational subjects, resulting in measurable improvements in their academic performance
- Assisted in occupational therapy sessions for **10 autistic students** and gained a comprehensive understanding of disability rights and inclusive practices through hands-on experience and leadership

Content Writing Intern- CollegeTips.in *June 2024, Remote*

- Created **10+** compelling blog posts, engaging posters and social media content
- Developed insightful and well-researched material that increased user retention, indicating improved audience interest and content relevance

Projects

Eco-Vyapaar *(ongoing)*

- Technologies used-** ReactJS, Tailwind CSS, Lucide icons, Shaden UI.
- Real world solution** to help India's small street food vendors.

Stock Market Portfolio Management System

[Code](#)

- Technologies used** – Python
- Implemented a Stock Market System and performed **5 functions** like buy and sell stocks, view portfolio, its value and visualize portfolio using matplotlib library.

Quiz Application

- Technologies used-** HTML/CSS, Python Flask, SQLAlchemy and Flask WTF
- A quiz application with user authentication and quiz for users.

Skills

Technical Skills: C/C++, Java, HTML/CSS, Python, Flask, SQL, MS Office, Linux

Soft Skills: Communication, Public Relations, Leadership, and Teamwork, Problem Solving

Certifications

- Introduction to **Cybersecurity**, Cisco Networking Academy
- Cyber Job Simulation-** Delloite Australia, Forage
- HackVega**, Certificate of **Merit**, nationwide **hackathon**, MyCareernet
- Introduction to **Generative AI**, Google Cloud Skills Boost
- TCS ION **Communication Skills** Course, Tata Consultancy Services
- Finding Your **Professional Voice** Course, University of London, Coursera

- Participated in **Hackathon 3.0**, UPES CSA

Position of Responsibility

Secretary, National Service Scheme (NSS), UPES

Jan 2025 – Present

- Leading the nodal centre of NSS at UPES, Dehradun, Uttarakhand
- Volunteered **240+ hours** to drive impactful initiatives for societal development and community welfare.

Class Representative, School of Computer Science, UPES

Aug 2023 - Present

- Serve as a bridge between **60+** students and faculties to ensure efficient communication
- Organize academic activities, addresses grievances, ensures active participation and discipline in the class.

Senior Mentor, Srijan Social Internship

Aug 2024 - Present

- Responsible for appointing Changemaker and Lead Changemaker for Srijan Social Internship
- Managed **70+ NGOs** and **150+ students** and their internships (orientations, issues and coordination with Career Services Department, UPES)

Accomplishments & Recognition

- Raised **5000+ funds** for HelpAge India and certified as highest grade contributor at the school
- Achieved **Merit Certificate**, State Level UCMAS Abacus and Mental Arithmetic Competition
- Represented the city at the **National Level Skating Tournament** held at Gwalior, Madhya Pradesh
- Selected as volunteer for **Aspire Circle Meet 2024**, interacted with social entrepreneurs and NGO founders.