

Aman Vashishth

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EDUCATION

Netaji Subhas University of Technology (NSUT)

B. Tech in Geo-Informatics (IT) ; CGPA: **7.68** (2nd Year)

New Delhi, India

Jul '24 - Present

Integrated Institute of Technology, Delhi Skill Entrepreneurship University (Delhi Govt.)

Diploma in Information Technology (IT) ; CGPA: **8.49**

New Delhi, India

Jul '19 - Aug '22

SKILLS SUMMARY

- **Languages** : JavaScript (Node.js, TypeScript, React), Python (Flask), CSS, PHP, SQL
- **Tools** : MATLAB, Tableau, GitHub, MongoDB, API, socket.io, GIS
- **Platforms** : AWS EC2, QGIS, Jupyter Notebook, Visual Studio Code

WORK EXPERIENCE

WINTER INTERN | NFL, MINISTRY OF CHEMICALS & FERTILIZERS | [LINK](#)

Dec '24- Jan '25

- Built the **Drone Didi** Dashboard to support autonomous drone fertilization.
- Included features for cost calculation, user analytics, and ease of use to empower village women in agriculture.
- Focused on usability, automation, and data accuracy for government-backed agriculture tech.

WEB DEVELOPER INTERN | STARTUPHIGH & ENTREPI | [LINK](#)

Sep '24- Present

- Developed web solutions to boost online presence and growth for these startups.
- Improved site performance, SEO, and analytics tracking to increase visibility and growth.

PROJECTS

DTC-TC: Realtime DTC Bus Tracking & Fine Collection App

[PROJECT](#) | [GITHUB](#)

Technologies: Node.js, Leaflet.js, GIS, API, Socket.io, MongoDB

- Developed a full-stack web application to track 3,000+ Delhi DTC buses in real time.
- Project was **officially recognized** and endorsed by top senior officials of Delhi Transport Corporation (DTC) for its potential to improve public transportation monitoring and transparency.
- **Solved issue of fake paper challans** issued during checks by introducing fully digitized and verifiable fine collection system.
- Promoted consistent and uniform ticket checking, addressing revenue leakage and operational inefficiencies

Drone Didi DB : Smart Drone-Based Fertilization

[PROJECT](#) | [GITHUB](#)

Technologies: Drone APIs, GIS, JavaScript, UI/UX

- Designed and deployed a web dashboard for drone-based fertilization under the **Namo-Drone Didi Scheme**, in collaboration with NFL Noida under the Ministry of Chemicals & Fertilizers.
- Integrated **real-time GIS mapping** to calculate agricultural plot areas and generate precise drone flight coordinates.
- Implemented **autopilot functionality via drone APIs**, enabling drones to autonomously sweep fields.

Text to Handwriting Converter Web Application

[PROJECT](#) | [GITHUB](#)

Technologies: JavaScript, CSS, DOM, OCR

- Created a web-based tool that **converts typed text into human-like realistic handwriting** styles.
- Used customizable typefaces and dynamic rendering to enhance authenticity and accessibility.

JobDoor – Database-Driven Job Portal

[PROJECT](#) | [GITHUB](#)

Technologies: MySQL, PHP, JavaScript, CSS

- Built a job portal aimed at connecting individuals affected by the pandemic with suitable employment opportunities.
- Designed a structured database to manage job listings, applications, and candidate profiles, keyword-based job matching

ACHIEVEMENTS & CERTIFICATES

- **Top 5% Finalist**, Inter-College Debate Competition (University of Delhi)
- Certified Cyber Security Expert (Hackveda, VMDD Technologies)
- Certified Web Application Developer(Hackveda, VMDD Technologies)

[CERTIFICATE](#)

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[CERTIFICATE](#)

RESPONSIBILITIES

- **Founder** - Women Empowerment Society (WES), NSUT
- **Event Organizer** - "Web-A-Thon" (**Spacecon** Event), NSUT
- **Event Organizer** - "Family Feud" (**Resonanz** College Fest), NSUT
- **Lead** - Web Development Department, The Debugging Society (TDS), NSUT
- **Technical Head** - Drafting Club, **University of Delhi (DU)**
- **Technical Head** - NGO Drishti-Lok Foundation & Social Research Society

(Apr '25 – Present)

(Feb '25)

(Oct '24)

(Sep '24 – Feb '25)

(Aug '24 – Present)

(Jan '24 – Present)