Snehit Pandey

+91 8586865383 | snehit2004@gmail.com | Portfolio | GitHub | LinkedIn

EDUCATION

- **HMR Institute of Technology and Management** *Hamidpur, Delhi*
  Bachelor of Technology — Computer Science Engineering *2022 – Present* | *CGPA: 7.0*
- **Guru Nanak Dev Institute of Technology** *Rohini, Delhi*
  Diploma — Computer Science Engineering *2020 – 2023* | *Percentage: 80%*
- **SD Public School** *Pitampura, Delhi*
  Class X *2020* | *Percentage: 64%*

EXPERIENCE

- **Summer Research Training — Robotics** *Jul 2025 – Aug 2025*
  USAR, GGSIPU
  - Contributed to UI design and system control for an autonomous drone-based SAR platform.
  - Supported multi-sensor perception and obstacle-avoidance testing.
  - Worked within an Industry robotics environment.
- **Frontend Developer — Collaborative Project Experience** *Feb 2024 – Jul 2024*
  Special Learns Computer Institute, Delhi
  - UI development using MERN stack with responsive layouts.
  - Frontend lead for **Card.io** — a custom card generator platform.
  - Tech: HTML, CSS, JavaScript, Node.js, MongoDB, React.js

PROJECTS

- **Personal Portfolio** *Nov 2024 – Present*
  snehitpandey.github.io/Portfolio | *HTML, CSS, JavaScript*
  - Built a clean and interactive portfolio website to showcase skills and projects.
  - Responsive UI with dynamic project sections and contact integration.
- **Card.io** *Feb 2024 – May 2024*
  buildwithkt.dev/card_io/v2/ | *HTML, CSS, JavaScript, jQuery, REST APIs*
  - Developed complete UI for custom card generator supporting multiple card formats.
  - Integrated real-time template editing, improved responsiveness and UX flow.

RESEARCH & PUBLICATIONS

- **ARGUS – AI & IoT Powered Emergency Disaster Response System** *2025*
  Under Proceedings (ICAMC 2025) — Proofread accepted. Demonstrated real-time disaster communication, predictive analytics and automated alerting to accelerate emergency response.
- **Aspyra: Peer-Based Collaborative Learning Using AI-Driven Roadmaps and Gamified Accountability** *IJRASET 2025*
  DOI: 10.22214/ijraset.2025.75148 — Proposed a collaborative study platform using personalized AI learning pathways and gamification to increase motivation and performance.
- **Autonomous Drone System for Urban Search & Rescue** *2025*
  Conducted under internship at USAR (GGSIPU). Designed multi-sensor perception and obstacle-avoidance navigation workflows for victim detection.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python

Frameworks: Node.js, React

Databases: MongoDB

Developer Tools: Git, GitHub, VS Code, MongoDB Atlas, Figma, Netlify

Areas of Interest: Machine Learning, AI

ACHIEVEMENTS

- Published and presented a research paper at ICAMC 2025 and received the **Best Presenter Award**.
- Achieved Top 10 positions in 7 hackathons among competitive participants.
- Secured the 4th position in a college-wide project exhibition among 20+ teams for a disaster management application.