

Sameer Gupta

Student

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Education

Netaji Subhas University of Technology, Delhi, India

B. Tech - Instrumentation and Control engineering
CGPA: 7.55

August 2024 - May 2028

Experience

• GirsScript Summer of code: Open source Contributor

- Worked on a project Haryana Roadways a platform to book bus tickets, a travel planning site.
- Worked on frontend to make the UI more cleaner and modern
- Implemented routes to a new self designed page to give users a detailed information about the hotels
- Tech stack used: React, Nodejs, CSS, JavaScript
- Project Repository:** <https://github.com/sam-eer12/HrRoadways>

July 2025- Sept 2025

• Google Gemini: Student Ambassador

- Working as Student ambassador for Google Gemini in my college
- Interact with people to teach them about new features about Gemini
- Understand their relation with the AI and try to improve their experience

Aug 2025 - Dec 2025

Skills

- Frontend:** React, Next.js (SSR), JavaScript (ES6+), HTML5, CSS3
- UI/Styling:** TailwindCSS, GSAP, Styled-components, CSS Modules
- State/Build/Testing:** Redux, React Query, Webpack, Vite, Jest, Tanstack, Zustand, Cypress
- Backend & Languages:** Python (NumPy, Ultralytics, YOLO, OpenCV , Tensorflow, PyTorch, Pandas, Matplotlib, Scikit-learn), C++, JS(Node and Express), Type Script, Flask
- Tools & Leadership:** Git/SVN, architecture design, and technical team management

Projects

Ocenaus AI

Project lead and AI dev

2025/09-2025-09

<https://sih-project-uimw.vercel.app/>

Unsupervised machine learning model to detect DNA, help in efficient analysis and reduce time consumption to less than 1 week.

Tech stack: Python, Flask, Next.js, Scikit learn, Vercel

VigilAI

AI Developer

2025/08-2025/08

<https://github.com/sam-eer12/VigilAI-surveillance-project>

Web app based AI surveillance system with 94% accuracy and live video feed support to detect anomaly and misconduct.

Tech stack: Python, PyTorch, OpenCV , YOLOv11, Flask, React

Amethyst Wave- Blog app

Fullstack Dev

2025/07-2025/07

<https://amethyst-wave.vercel.app/>

MERN stack based Blog posting website with Gemini AI integration.

Tech stack: MongoDB, Node.js, Express.js, React, Imagekit.io, Gemini

Chat App

Fullstack Dev

2025/09-2025/10

<https://github.com/sam-eer12/chat-app/tree/main>

Fully functional chat app with image upload feature and MERN stack based.

Tech stack:MERN, VERCEL, CLOUDINARY, WEB SOCKET.IO

Achievements and Certificates

Frontend Battle 2.0: IIT BBSN

[Certificate](#)

21st June 2025

BuildWithDelhi 2.0: Hack with India

[Certificate](#)

6th August 2025

Kaarya Neeti(case comp): E cell, NSUT

[Certificate](#)

22nd August 2025

Zero to One Hackathon: Chandigarh University

[Certificate](#)

31st August 2025

Forward learning Programme: McKinsey

[Certificate](#)

16th December 2025