

# Sameer Gupta

Student

📅 6/18/2006 📍 Delhi, India 📞 9899901635 ✉ sameer870732@gmail.com

🌐 <https://www.linkedin.com/in/sameer-gupta-768b28312/> 📄 <https://github.com/sam-eer12>

📄 <https://sameers-portfolio-eosin.vercel.app/>

## Education

**Netaji Subhas University of Technology**

Instrumentation and Control Engineering · B. Tech CGPA: 7.55

7/8/2024 - 9/10/2028

## 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, Cypress
- **Backend & Languages:** Python (NumPy, Ultralytics, YOLO, OpenCV, PyTorch, Pandas, Matplotlib, Scikit-learn), C++, JS(Node and Express), Flask
- **Tools & Leadership:** Git/SVN, architecture design, and technical team management

## Work Experience

**GirlScript Summer of Code(GSSoC)** Open Source Contributor

July 2025 - Present

- 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>

**Google Gemini**

Student Ambassador

Aug 2025-Present

- 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

## Projects

**Ocenaus AI**

Project lead and AI dev

2025/09-2025/09

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

- A research tool to help researchers classify DNA sequence of various deep sea creatures
- Unsupervised machine learning model helps reduce classification time from 2-4 weeks to <1 week
- project with all the dataset used and research paper attached available
- **Tech stack:** Python, Flask, Next.js, Scikit learn, Vercel

**VigiAI**

AI model Developer

2025/08-2025/08

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

- AI powered surveillance system with 94% accuracy.
- Highly scalable upto 1500 cameras by clustering 30 cameras for local cluster and 50 streams for centralized cluster.
- Web app for monitoring and alert notification in case of misconduct or anomaly detected.
- **Tech stack:** Python, PyTorch, OpenCV, YOLOv11, Flask, React

**Amethyst Wave-Blog app**

Fullstack dev

2025/07-2025/07

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

- Made A Blog app using MERN stack
- Projects offers blog searches, Viewing, commenting and sharing to normal users.
- For admin project offer admin control to blogs add/delete/unpublish and comments approval
- Dynamic Project with server connectivity with Multiple cloud integration and Gemini AI integration
- **Tech stack:** *MongoDB, Node.js, Express.js, React, Imagekit.io, Gemini*

Object detection modelTeam leader2025/08-2025/08

<https://github.com/sam-eer12/object-detection-model-yolov8>

- Object detection Model using YOLOv8 for BuildWithDelhi 2.0 hackathon at Microsoft
- Top 40 finalist of the event with this model
- Model trained on high quality image dataset of Dulaity AI Falcon dataset.
- Model achieves accuracy of 94%
- **Tech stack:** *Python, YOLOv8, PyTorch, OpenCV, Falcon Dataset*

Chat AppLead Dev2025/09- 2025/10

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

- Fully functional chat app using web socket to implement real time chat
- Support image uploading for a more interactive experience
- Connect with people by sending them request
- **Tech stack:** *MERN, VERCEL, CLOUDINARY, WEB SOCKET.IO*

Certificates

IIT BhubaneswarIssued By: IIT BBSN2025/06-2025/06

Frontend Battle 2.0 Hackathon: <https://drive.google.com/file/d/1BLfp1ubVfWkRL61eU9ilDVpPY-j73SXo/view>

BuildWithDelhi 2.0Issued By: Hack With India6th August 2025

Top 40 finalist certificate: <https://drive.google.com/file/d/1AoANKz7GuMk4hoZlWy2SMtC03ISiYaE-/view?usp=sharing>

KaaryaNeeti: Case CompIssued by: ECell NSUT22nd August 2025

1st position holder: [https://drive.google.com/file/d/1P0DmSWVMF5p1\\_ux2UIFSIWofH2A1Ix8/view?usp=sharing](https://drive.google.com/file/d/1P0DmSWVMF5p1_ux2UIFSIWofH2A1Ix8/view?usp=sharing)

Zero to One HackathonIssued by: Chandigarh University31th August 2025

Finalist certificate: <https://drive.google.com/file/d/1jMwptax8pw3xsO7SOxEqVQuQ-mKnH-WB/view?usp=sharing>