

# Samarth Gupta

**Contact:** +91-9098860093    **Email:** samarthgupta1088@gmail.com    **LinkedIn:** linkedin.com/in/samarth-gupta  
**GitHub:** github.com/samarth2434

## EDUCATION

### VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.73/10)

Oct 2022 - May 2026

Bhopal, MP

### Macro Vision Academy

Senior School Certificate Examination (C.B.S.E Class XII) - 76.6 percentage

April 2021 - April 2022

Burhanpur, M.P

## TECHNICAL SKILLS

**Languages:** C++, Python, Java, HTML, CSS, JavaScript, MySQL.

**Technologies:** ReactJs, MongoDB, NodeJs, ExpressJs, TailwindCss.

**Tools:** Docker, TensorFlow, Google Colab, Git, Github

**Concepts:** Object-Oriented Programming, Data structures and Algorithms, Cloud Computing, machine learning, Cyber Security, Operating system, Computer Network, AWS.

## PROJECTS

### Spotify Clone | [React js, Tailwind css, Node.js, MongoDB, JWT Authentication Link](#)

July 2025

- Developed a Spotify Clone application enabling music streaming with user authentication and playlist management.
- Implemented JWT-based authentication and bcrypt password hashing for secure user access and protected API routes.
- Utilized React for front-end UI, Node.js for server-side logic, and MongoDB for data storage.
- Optimized API performance and database queries to ensure seamless playback and low-latency user experience.

### DocuSign | [React js, Tailwind css, Node.js, MongoDB, Express.js Link](#)

Jan 2025 - Feb 2025

- Developed a secure document signing platform allowing users to upload, preview, and digitally sign PDFs
- Implemented JWT-based authentication and bcrypt password hashing for secure user access and protected API routes.
- Enabled PDF uploads using Multer and stored metadata in MongoDB with proper file management logic.
- Integrated react-pdf for document preview and drag-and-drop signature placement using coordinate tracking.
- Built backend logic to embed signature into PDF using PDF-Lib, with support for status updates like Pending, Signed and Rejected.

### Carpool Website | [React.js, Python, Tailwind Css, MongoDB, Node.js Link](#)

May 2024 – July 2024

- Developed a carpooling platform (Frontend) to connect passengers and drivers, optimizing routes and reducing transportation costs.
- Built a carpool web app with React, Tailwind CSS, and JavaScript, improving user experience.
- Implemented MongoDB for dynamic ride data storage, enabling real-time trip updates, secure user management, and scalable database performance.

## CERTIFICATION AND TRAINING

- Data Science Using Python Course by iamneo. [Link](#)
- Full Stack Developer MERN by SmartInternz. [Link](#)
- Experiential Learning at Hyderabad Pune: Workshops Learning related to various domains of CSE.

## SCHOLASTIC ACHIEVEMENTS

- Solved 500+ problems on platforms such as GeeksforGeeks and LeetCode.
- Participated in Design Dazzle, a three-day online web development event focused on frontend development.

## EXTRACURRICULAR ACTIVITIES

- Directed Garba Night 2024 as Event Lead and played a key role in Advitya'25 through strategic event management with the Gujarati Club, VIT Bhopal.
- Collaborated with a 10+ member research team in the Ramanujan Club to explore and present innovative mathematical concepts to faculty.