# Samarth Gupta

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## Education

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|---|---|
| **VIT Bhopal University** | Oct 2022 - May 2026 |
| *Bachelor of Technology in Computer Science and Engineering (CGPA: 8.72/10)* | *Bhopal, MP* |
| **Macro Vision Academy** | April 2021 - April 2022 |
| *Senior School Certificate Examination (C.B.S.E Class XII) - 76.8 percentage* | *Burhanpur, M.P* |
| **Macro Vision Academy** | April 2019 - April 2020 |
| *Secondary School Examination (C.B.S.E Class X) - 69.2 percentage* | *Burhanpur, M.P* |

## Technical Skills

**Languages**: C++, Python, Django, Java, HTML, CSS/Tailwind CSS, JavaScript.
**Technologies**: React.js, MongoDB, Node.js, Next.js, SQL, PostGres, Git.
**Tools**: TensorFlow, Google Colab,Eclipse, SVN.
**Concepts**: Object-Oriented Programming, Data structures and Algorithms, Cloud Computing, machine learning, Cyber Security, Operating system, Computer Network.

## Projects

**Blink-Chat: Real-time Quick Chat Application** | *React.js, Tailwind css, Docker, MongoDB, Node.js*    May 2025-July 2025
- Developed a full-stack MERN (MongoDB, Express.js, React, Node.js) quick chat application, implementing real-time messaging using Socket.IO for instant communication.
- Engineered a responsive React.js frontend with secure user authentication (JWT) and dynamic chat interfaces for seamless user experience.
- Designed and managed MongoDB database schema for efficient storage and retrieval of chat histories and user profiles.
- Built robust RESTful APIs with Node.js and Express.js, handling user management, message routing, and data persistence.

**Carpool website** | *React.js, Python, Docker, MongoDB, Node.js*    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.
- Deployed with Docker, ensuring 99.5% uptime and enhancing user experience by 40%.

**Tourism Website** | *HTML, CSS, Javascript, React.js*    jan 2025-Feb 2025
- Developed a Tourism Website showcasing travel destinations and some basic Information.
- Leveraged HTML CSS and Java Script Skills to complete the project

**Weather Application** | *HTML, CSS, Javascript, React.js,*    Nov 2024
- Developed a cross-platform weather application providing real-time weather updates, forecasts, and alerts.
- Leveraged HTML CSS and Java Script Skills to complete the project.

## Extracurricular, Certifications 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.

## Activities

**Gujarati Club, VIT Bhopal** | *Event Management*    Aug 2023 - Mar 2025
- Spearheaded Garba Night 2024 as Event Lead, ensuring its successful execution.
- Played a pivotal leadership role in organizing club activities for Advitya'25, significantly contributing to the fest's overall success.