

# Samarth Gupta

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## Education

<b>VIT Bhopal University</b> <i>Bachelor of Technology in Computer Science and Engineering (CGPA: 8.73/10)</i>	Oct 2022 - May 2026 Bhopal, MP
<b>Macro Vision Academy</b> <i>Senior School Certificate Examination (C.B.S.E Class XII) - 76.8 percentage</i>	April 2021 - April 2022 Burhanpur, M.P
<b>Macro Vision Academy</b> <i>Secondary School Examination (C.B.S.E Class X) - 69.2 percentage</i>	April 2019 - April 2020 Burhanpur, M.P

## Technical Skills

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

## Projects

<b>Tourism Website</b>   <i>HTML, CSS, Javascript, React.js</i>	Jan 2025-Feb 2025
<ul style="list-style-type: none"><li>Developed a Tourism Website showcasing travel destinations and some basic Information.</li><li>Implemented dynamic navigation and interactive components using React.js to enhance user engagement.</li><li>Leveraged HTML CSS Java Script and REACT Skills to complete the project</li></ul>	
<b>Blink-Chat: Real-time Quick Chat Application</b>   <i>React.js, Tailwind css, Docker, MongoDB, Node.js</i>	May 2025-July 2025
<ul style="list-style-type: none"><li>Developed a full-stack MERN (MongoDB, Express.js, React, Node.js) quick chat application, implementing real-time messaging using Socket.IO for instant communication.</li><li>Engineered a responsive React.js frontend with secure user authentication (JWT) and dynamic chat interfaces for seamless user experience.</li><li>Designed and managed MongoDB database schema for efficient storage and retrieval of chat histories and user profiles.</li><li>Built robust RESTful APIs with Node.js and Express.js, handling user management, message routing, and data persistence.</li></ul>	
<b>Carpool website</b>   <i>React.js, Python, Docker, MongoDB, Node.js</i>	May 2024-July 2024
<ul style="list-style-type: none"><li>Developed a carpooling platform(FrontEnd) to connect passengers and drivers, optimizing routes and reducing transportation costs.</li><li>Built a carpool web app with React, Tailwind CSS, and JavaScript, improving user experience.</li><li>Deployed with Docker, ensuring 99.5% uptime and enhancing user experience by 40%.</li></ul>	

## 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

<b>Gujarati Club, VIT Bhopal</b>   <i>Event Management</i>	Aug 2023 - Mar 2025
<ul style="list-style-type: none"><li>Spearheaded Garba Night 2024 as Event Lead, ensuring its successful execution.</li><li>Played a pivotal leadership role in organizing club activities for Advitya'25, significantly contributing to the fest's overall success.</li></ul>	
<b>Ramanujan Club, VIT Bhopal</b>   <i>Member of Research Team</i>	Jan 2024 - Mar 2025
<ul style="list-style-type: none"><li>Collaborated on a research team to analyze innovative trends and technologies in mathematics.</li><li>Worked with a 10+ member team in the Ramanujan Club, researching and presenting on new mathematical concepts to faculty, and consistently meeting deadlines.</li></ul>	