

# 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) - 76.6 percentage</i>	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

<b>Spotify Clone</b>   <i>React js, Tailwind css, Node.js, MongoDB, JWT Authentication</i> <a href="#">Link</a>	July 2025
<ul style="list-style-type: none"><li>Developed a Spotify Clone application enabling music streaming with user authentication and playlist management.</li><li>Implemented JWT-based authentication and bcrypt password hashing for secure user access and protected API routes.</li><li>Utilized React for front-end UI, Node.js for server-side logic, and MongoDB for data storage.</li><li>Optimized API performance and database queries to ensure seamless playback and low-latency user experience.</li></ul>	
<b>DocuSign</b>   <i>React js, Tailwind css, Node.js, MongoDB, Express.js</i> <a href="#">Link</a>	Jan 2025 - Feb 2025
<ul style="list-style-type: none"><li>Developed a secure document signing platform allowing users to upload, preview, and digitally sign PDFs</li><li>Implemented JWT-based authentication and bcrypt password hashing for secure user access and protected API routes.</li><li>Enabled PDF uploads using Multer and stored metadata in MongoDB with proper file management logic.</li><li>Integrated react-pdf for document preview and drag-and-drop signature placement using coordinate tracking.</li><li>Built backend logic to embed signature into PDF using PDF-Lib, with support for status updates like Pending, Signed and Rejected.</li><li>Shared documents via tokenized public links to make sign by the Signer.</li></ul>	
<b>Carpool Website</b>   <i>React.js, Python, Tailwind Css, MongoDB, Node.js</i> <a href="#">Link</a>	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>Implemented MongoDB for dynamic ride data storage, enabling real-time trip updates, secure user management, and scalable database performance.</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>	