

# 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></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>	

## 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.