# Hardik Mishra

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## EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering (CGPA: 9.01/10)

Bhopal, MP

April 2021 - April 2022 Burhanpur, M.P.

Oct 2022 - May 2026

Macro Vision Academy

Senior School Certificate Examination (C.B.S.E Class XII) - 89 percentage

April 2019 - April 2020

Macro Vision Academy

Secondary School Examination (C.B.S.E Class X) - 84 percentage

Burhanpur, M.P.

# TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript, HTML, CSS, Tailwind CSS.

Frameworks & Technologies: React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, JWT, RESTful APIs.

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Operating Systems, SDLC Methodologies.

#### Projects

RideTogether - Carpool | React.js, Express.js, Docker, MongoDB, Node.js

Mar 2024 - May 2024

- Developed a full-stack carpooling web application with React.js, Tailwind CSS, Node.js, Python, and MongoDB, enabling efficient and seamless ride-sharing.
- Optimized ride-matching algorithm, reducing user ride search and booking time by 40%.
- Engineered scalable backend services with Node and MongoDB to manage 25+ weekly carpool rides.
- Containerized and deployed using Docker, achieving 99.5% uptime and improving overall user experience by 40%.

## AI-Powered Components Generator | React.js, Tailwind CSS, Gemini API

Jan 2025 - Mar 2025

- To automate the generation of reusable React components using Gemini API, reducing developer effort and time spent on repetitive coding tasks.
- To ensure consistent, responsive, and modern UI styling with Tailwind CSS across all generated components.
- To enable rapid prototyping and faster client demos by converting natural language prompts directly into production-ready UI code.
- Multi-framework support → Extend beyond React to generate Angular, Vue, or Flutter components.

#### HouseHunt Property Rental | React.js, Redux, Node.js, Express, MongoDB, JWT

Apr 2025 – May 2025

- Built a full-stack Airbnb-inspired property rental platform with listing management, search and booking features, offering a responsive UI and secure workflows.
- Built the frontend with React 18, Redux Toolkit, Material-UI, and React Router for responsive UI and navigation.
- Integrated drag & drop (React Beautiful DND) and date selection (React Date Range) for enhanced user interaction.
- Implemented property search and filtering with MongoDB queries and geolocation support for better user discovery.

### Certifications & Achievements

- Full Stack Developer (MERN) Issued by SmartInternz
- MongoDB Node.js Developer Issued by MongoDB University
- Data Science Using Python Course Issued by iamneo
- Cloud Computing by Prof. Soumya Kanti Ghosh Issued by IIT Kharagpur (NPTEL)

# Extracurricular Activities

Competitive Programming: Solved 100+ DSA problems on Leetcode and GeeksForGeeks (Arrays, Strings, Stacks, Graphs) with focus on optimization.

Hackathons: Participated in multiple national-level hackathons on Unstop, including Grab Hack, TVS Credit Epic 7.0, and Adobe India Hackathon, developing innovative project prototypes under time constraints.

Gujarati Club (Event Management Lead): Led the core organizing team for major campus events and contributed significantly to the successful execution of the annual college fest.