Parthvi Mistry

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Professional Summery

A Motivated Computer Science Engineering student (2026) with strong foundations in **Java, Data Structures & Algorithms, and full-stack development (MERN)**. Experienced in building scalable applications like **AI Virtual Assistant** and **Hotel Booking System**, delivering measurable results. Seeking to apply technical skills and a builder's mindset as a **Software Development Engineer**.

Skills

- **Programming & Concepts:** Java, JavaScript, SQL, Data Structures & Algorithms, DBMS, OOP
- **Web & Frameworks:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, REST APIs
- **Databases & Tools: MongoDB, MySQL, Git, GitHub, Postman, JWT, bcryptjs, Multer, Cloudinary**
- **Other:** Blockchain (Solidity, MetaMask), Cloud Deployment (AWS, Render)

Education

VIT Bhopal University, Bhopal, MP 2022 - 2026
B.Tech in Computer Science and Engineering CGPA: 8.37/10

S.S Divine School, Ahmedabad, Gujarat Completed 2021
Higher Secondary Schooling (GSEB) Percentage: 75.07%

Project Work

- **AI Virtual Assistant (JARVIS-Style) | React.js, Node.js, Express.js, MongoDB, Gemini AI, Web Speech API**
- Engineered a full-stack AI voice assistant using React.js, Node.js, and Express.js, integrated with Web Speech API and Gemini AI for real-time speech recognition and intelligent response generation.
- Implemented secure user authentication with JWT and bcrypt, and enabled dynamic user
- customization through image uploads using Multer and Cloudinary.
- Deployed the application on Render; utilized MongoDB for database management to ensure scalable and efficient data handling..

- **Hotel Booking Management System | React.js, Node.js, Express.js, MongoDB Atlas**
- Developed a responsive hotel booking platform using React.js frontend and Node.js/Express.js backend, featuring user authentication and end-to-end CRUD functionality.
- Built RESTful APIs for seamless frontend-backend communication and integrated MongoDB Atlas for cloud-based, real-time data storage and retrieval
- Ensured application security with JWT authentication and optimized performance for scalable user access.

Certificates

- **Coursera:** The Bits and Bytes of Computer Networking
- **Ethnus:** MERN Full Stack Certification
- **IBM:** Blockchain Foundation & Developer
- **NPTEL:** Cloud Computing (2024)

Leadership & Activities

- **NASA Kennedy Space Center Program (2016) | Kennedy Space Center, Florida, USA):**
  Led a team in a simulated Apollo launch, making mission-critical decisions under pressure.

- **VIT Music Club (2022 - Present) | VIT Bhopal, MP:**
  Collaborated on event organization and performances, demonstrating teamwork and ownership.