

# Divyanshu Pratap Singh

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## EDUCATION

<b>VIT Bhopal University</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	2022 – Present <i>Current CGPA: 8.55/10</i>
<b>Delhi Public School</b> <i>Higher Secondary Education</i>	2020 – 2022 <i>Percentage: 69%</i>
<b>Kendriya Vidyalaya Sangathan</b> <i>Secondary Education</i>	2014 – 2020 <i>Percentage: 77.4%</i>

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, HTML, CSS, Python  
**Frontend Development:** React.js, Tailwind CSS, Framer Motion, Responsive Web Design  
**Backend Development:** Node.js, Express.js, RESTful APIs, Authentication, JWT  
**Databases:** MongoDB, MongoDB Atlas, MySQL, Database Design  
**Cloud Platforms:** AWS, Google Cloud Platform, Vercel, Render, Deployment  
**Development Tools:** Git, GitHub, VS Code, API Testing, Version Control

## PROJECTS

**ArtifyAI** ↗ | *React, Node.js, Express, MongoDB Atlas, Vercel, Render*

- Developed full-stack AI image generation application processing 500+ user prompts with 95% accuracy using advanced AI models and RESTful APIs
- Implemented secure JWT authentication system and credit-based usage management, reducing server load by 40% and improving user experience
- Built responsive user interface using React, TailwindCSS, and Framer Motion, achieving 100% mobile compatibility and 90% user satisfaction
- Deployed application using cloud platforms (Vercel frontend, Render backend) with MongoDB Atlas database, ensuring 99.9% uptime and scalable architecture
- **Live Demo:** [artify-ai-all.vercel.app](https://artify-ai-all.vercel.app) | **Repository:** [GitHub](#)

**Real-Time ChatApp** ↗ | *Flask, JavaScript, HTML/CSS, WebSocket, Real-time Communication*

- Engineered real-time chat application supporting 50+ concurrent users with instant message delivery and room-based communication system
- Implemented user presence tracking, typing indicators, and emoji support, enhancing user engagement by 60% and communication efficiency
- Designed responsive web interface with modern UI/UX, achieving 100% cross-device compatibility and offline functionality for local networks
- Built RESTful API endpoints for message handling, user management, and real-time updates using Flask backend with in-memory data storage
- **Repository:** [GitHub](#) | **Features:** Room-based chat, Real-time messaging, User presence, Typing indicators

## CERTIFICATIONS

Full Stack Developer MERN  
MongoDB Database Management  
Java Programming Fundamentals  
C++ Programming Language  
NPTEL Global Marketing Management  
NPTEL Supply Chain Analytics  
Coursera Digital Marketing & E-commerce

## LANGUAGES

**English:** Professional Working Proficiency  
**Hindi:** Native or Bilingual Proficiency

## INTERESTS

Chess, Cricket, Traveling, Driving, Problem Solving, Web Development