

# Divyanshu Pratap Singh

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## EDUCATION

### VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering

2022 – Present

Current CGPA: 8.59/10

### Delhi Public School

Higher Secondary Education

2020 – 2022

Percentage: 69%

### Kendriya Vidyalaya Sangathan

Secondary Education

2014 – 2020

Percentage: 77.4%

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, HTML, CSS, SQL

**Frameworks/Tools:** React.js, Node.js, Express.js, Tailwind CSS, Framer Motion, REST APIs, JWT, MongoDB, MySQL, Vercel, Render, Git, GitHub, VS Code

## PROJECTS

### ArtifyAI<sup>↗</sup> | React, Node.js, Express, MongoDB Atlas, Vercel, Render

- **About this project:** Full-stack AI image generation app with secure authentication, credit-based usage, and cloud deployment.
- 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
- Integrated personal gallery feature allowing users to view, download, and manage their generated images with real-time updates and cloud storage
- **Live Demo:** [artify-ai-all.vercel.app](https://artify-ai-all.vercel.app) | **Repository:** [GitHub](#)

### Logo Generator<sup>↗</sup> | Next.js, TypeScript, Tailwind CSS, Drizzle ORM, PostgreSQL, Vercel

- **About this project:** AI-powered logo generation platform that creates custom logos based on user input and preferences.
- Developed intelligent logo generation system using AI models to create unique, professional logos based on user specifications and brand requirements
- Implemented user-friendly interface with drag-and-drop functionality, real-time preview, and customizable design options for enhanced user experience
- Built robust backend API with user authentication, project management, and secure file handling for logo downloads and sharing
- Integrated cloud storage and database management for efficient logo storage, retrieval, and user project organization
- Added multiple logo style templates and color customization options enabling users to create diverse brand identities with professional aesthetics
- **Live Demo:** [logo-generator-sooty.vercel.app](https://logo-generator-sooty.vercel.app) | **Repository:** [GitHub](#)

### AI Object Detection<sup>↗</sup> | HTML, JavaScript, ml5.js, Node.js, Express, MongoDB Atlas, Render

- **About this project:** Developed a full-stack real-time object detection web application utilizing ml5.js (COCO-SSD) to analyze live camera feeds directly in the browser.
- Implemented secure user authentication system with email/password login, ensuring data privacy and access control.
- Integrated live statistics and detection history features, allowing users to track and review their detection activity over time.
- Designed a modern, responsive user interface compatible with both desktop and mobile devices for seamless user experience.
- Deployed the application using Node.js, Express, and MongoDB Atlas on Render.com, providing scalable and reliable cloud-based performance.
- Implemented real-time confidence scoring and bounding box visualization for detected objects with customizable detection sensitivity settings
- **Live Demo:** [ai-object-detection-9nez.onrender.com](https://ai-object-detection-9nez.onrender.com) | **Repository:** [GitHub](#)

## ACHIEVEMENTS

- Took part in the World's Largest Hackathon by Bolt, working with teammates on new ideas and solutions.
- Captain of Scouts at Kendriya Vidyalaya, showing leadership and managing a team.
- Elected House Captain of Tagore (Yellow) House at Kendriya Vidyalaya, leading activities and building team spirit.