Jay Prajapati

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PROJECTS

IMAGESHELL – A NEXT.JS IMAGE HOSTING WEB APP |

NEXT.JS | SECURE IMAGE HOSTING | PAYMENT INTEGRATION

- Developed a secure and scalable image hosting platform with drag-and-drop upload functionality.
- Integrated NextAuth for authentication and ImageKit for optimized image storage and CDN delivery.
- Integrated Razorpay payment gateway for seamless and secure transactions.
- Built full CRUD operations to manage images and user profiles.
- Implemented role-based access control for enhanced security and user management.
- **Tech Stack:** Next.js, TypeScript, MongoDB, Tailwind CSS.
- **GitHub:** GitHub Repository

ONLINE INTERVIEW VIDEO CALLING WEB APP | NEXT.JS |

VIDEO COMMUNICATION | SECURE AUTHENTICATION

- Developed a video conferencing web app with real-time chat, screen sharing, and recording features.
- Implemented Clerk for secure user authentication and role management.
- Utilized Stream API to handle real-time messaging and video functionality.
- Deployed on Vercel for high performance and global accessibility.
- **Tech Stack:** Next.js, TypeScript, Stream API, Clerk, Tailwind CSS.
- **Live Demo:** Demo   **GitHub:** GitHub Repository

AI CHAT APPLICATION | MERN STACK | AI-POWERED CHATBOT

| WEBSOCKETS

- Built a real-time AI chat application powered by Google Gemini AI for intelligent responses.
- Integrated Socket.IO for real-time bi-directional messaging.
- Used Redis caching to reduce response latency and improve performance.
- **Tech Stack:** MongoDB, Express.js, React.js, Node.js, Socket.IO, Google Gemini AI.
- **GitHub:** GitHub Repository

EDUCATION

GUJARAT TECHNOLOGICAL UNIVERSITY
BEng in Computer Science
June 2024 | Present
Government Engineering College, Patan
Cumulative GPA: 7.20 / 10

GUJARAT TECHNOLOGICAL UNIVERSITY
Diploma in Information Technology
June 2021 | May 2024
R.C. Technical Institute, Ahmedabad
Cumulative GPA: 7.65 / 10

SKILLS

PROGRAMMING LANGUAGES

JavaScript, TypeScript, Python

FRAMEWORKS & LIBRARIES

React.js, Next.js, Express.js, Node.js, Tailwind CSS

DATABASES

MongoDB, PostgreSQL, Firebase

TOOLS & PLATFORMS

Git, Postman, Docker, Prisma, Linux, Redis

OTHER SKILLS

REST APIs, WebSockets, Authentication

SOFT SKILLS

Self-Learning, Adaptability, Problem Solving, Communication