

OM BORISAGAR

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C, C++, Java, SQL

Frontend: Next.js, React, TypeScript, JavaScript, Tailwind CSS, Shadcn UI, Daisy UI, Material UI, React Query

Backend: Node.js, Express, Next.js, MongoDB, Mongoose, PostgreSQL, NeonDB, MySQL, Prisma, Drizzle, Redis, Docker, Socket.io, WebRTC, Serverless

Others: Git, GitHub, VS Code

PROJECTS

AI-Powered Video & Image Processing SaaS | [Next.js](#), [TypeScript](#), [Prisma](#), [PostgreSQL](#)



- Developed a SaaS platform for AI-powered video and image processing using Next.js and TypeScript, enabling users to upload, manage, and optimize media files seamlessly.
- Implemented video upload, secure storage, and downloads using Cloudinary, ensuring scalability, reliability, and optimized media delivery.
- Integrated AI-powered video previews to automatically generate thumbnails and keyframe snapshots.
- Implemented automatic image resizing and optimization for social media platforms, supporting predefined aspect ratios for Instagram, Twitter, and Facebook.
- Optimized video storage and streaming with automatic compression using Cloudinary's AI-driven transformations, reducing bandwidth usage and improving load times.
- Utilized Prisma ORM with NeonDB PostgreSQL for structured and efficient database management, supporting relational data models for user media files and metadata.
- Implemented authentication and user session management using Clerk, enabling secure login, registration, and role-based access control.
- Designed a responsive and interactive UI using Tailwind CSS and DaisyUI
- Integrated Axios for efficient API communication, enabling seamless interaction between the frontend and backend services.

VIDTUBE Backend – Video Tweet Platform | [Node.js](#), [Express.js](#), [MongoDB](#)



- Developed a full-featured backend system combining YouTube-like video management with a Twitter-style tweet system.
- Implemented user authentication with JWT bcrypt, including registration, login, logout, and profile management.
- Integrated Multer for file uploads and Cloudinary for secure cloud storage.
- Designed video management features: upload, edit, delete, search, sort, and visibility control.
- Built a tweet system allowing users to create, update, and delete tweets.
- Integrated like/unlike functionality for videos, comments, and tweets.
- Built a commenting system to add, edit, and delete comments on videos.
- Optimized database queries using MongoDB Aggregation Pipeline.
- Implemented a Health Check API for monitoring backend performance.

EDUCATION

Marwadi University, Rajkot

2023 – 2026

Diploma - Computer Engineering - CGPA - 9.94

CERTIFICATIONS

- Complete Web Development Course - Hitesh Choudhary
- Basics of Node - Code360 By Coding Ninjas
- DBMS Course Master the Fundamentals and Advanced Concepts - scaler
- C++ Tutorial - Great Learning