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👤 [Portfolio](#)

Summary

Dynamic and motivated Software Engineer with a strong foundation in programming languages such as Javascript, and typescript. Adept at problem-solving, debugging, and collaborating in team environments. Passionate about developing innovative solutions and eager to contribute to impactful projects. Quick learner with a keen interest in emerging technologies and a drive for continuous improvement.

Projects

Realtime Code Editor | *Next.js, TailwindCSS, ShadCN, Zustand, Socket.io, EMKC-API*

[DEMO-LINK](#)

- Developed a real-time collaborative web based code editor application with Next.js for a responsive frontend
- Utilizes Socket.IO for real-time communication and EMKC API for code execution
- Real-time Collaboration Multiple users can edit the same document simultaneously, with changes reflected instantly across all sessions.
- Multi-language Support: Supports a variety of programming languages through the EMKC API and executes code directly within the editor, with results displayed in real-time. [CODE-LINK](#)

Realo- Real Estate Platform | *React, Redux Toolkit, Node.js, Express, MongoDB, Firebase*

[DEMO-LINK](#)

- Developed a real estate management platform application with React Js achieving load times of under 5 seconds and maintaining a smooth user experience across devices.
- Built a Node.js Express backend with efficient API handling, supporting up to 500 concurrent connections with minimal latency
- Realo provides robust authentication, efficient property management, versatile search & filter options, a responsive user interface with modern design, detailed property viewing via image carousel, and direct messaging capabilities for seamless communication with property owners.
- implemented mongoDb for stores property details and user information and using Firebase to handle google authentication and image storage. [CODE-LINK](#)

Video Transcoding Pipeline System | *Node.js, Express.js, Ffmpeg, Docker, AWS*

[CODE-LINK](#)

- Scalable backend The system leverages Node.js and Express to create a **scalable and robust backend**, ensuring high performance and reliability while handling large-scale video transcoding workflows across different environments.
- Automated processing by utilizing AWS ECS and Docker, the transcoding process is **fully automated**, enabling the system to scale dynamically with demand, improving efficiency, and average transcoding **Time per Video is 2.5 minutes** using FFmpeg for optimal efficiency.
- Efficient storage AWS S3 is used for managing video file storage, offering scalable, secure, and **cost-effective solutions**. It ensures quick access to both input and output video files, and it managing **over 100GB** of video files stored and processed daily on AWS S3 .
- Event-Driven execution The integration of AWS SQS enables an event-driven architecture, **automatically triggering transcoding tasks** as soon as new files are uploaded, thus eliminating delays and optimizing workflow automation.

Technical Skills

Languages: TypeScript, JavaScript, Python,

Frontend: ReactJs, NextJS, Tailwind, Redux, RTK-Query, HTML, CSS, SASS, Shadcn, Web-RTC, OAuth

Backend: NodeJS, ExpressJS, Hono, MongoDB, PostgreSQL, JWT, Redis, Kafka, Nginx, Zod, ORM, GraphQL, Hono

DevOps: Linux, AWS, GitHub, Docker, Kubernetes,

Education

Tilak Maharashtra Vidyapeeth

July. 2022 – Aug 2025

Bachelor Computer Application

Gultekdi, Pune

Govt Boys Senior Secondary School

April. 2021 – May 2022

12 Standard CBSE Board

New Delhi, Delhi

Relevant Coursework

- **0-100 Cohort:** I completed 0-1 full-stack development a DevOps by 100xdevs [CERTIFICATE](#)
- **DCC:** I completed diploma in cloud computing by Jerking Technology 2022-2023