

YASH GHUGARDARE

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EDUCATION

Smt. Kashibai Navale College of Engineering

2020– 2024

B.E. - Computer Science and Engineering - **CGPA** - 8.72

Pune, Maharashtra

SKILLS

Programming Languages: JavaScript, TypeScript, Java, Python, HTML, CSS

Libraries and Frameworks: React.js, Next.js, Node.js, Express

State Management: Redux, Redux Toolkit, Redux Toolkit Query, Recoil

UI Libraries: Tailwind CSS, Chakra UI, Shaden UI, Magic UI, Accernity UI, Material UI

Databases: Mongo DB, Mongoose ODM, Redis, PostgreSQL, Drizzle ORM

Tools: Git, Github, Docker

PROJECTS

E-learning Website with AI support for Doubt Assistance | [Github](#) [Live](#) [🔗](#) Dec 2023 - Feb 2024

- **Description:** Developed a full-stack E-learning website enabling tutors to upload courses and students to purchase them. The platform includes features such as AI-driven doubt support, real-time analytics, and DRM protection for video content.
- **Front-end:** TypeScript, Next.js, Tailwind CSS, Material UI, Recharts, Redux Toolkit Query, NextAuth.
- **Back-end:** Express, Nodemailer, EJS, Cloudinary, Multer, Stripe, MongoDB, Mongoose, Redis, Socket.io, Bcrypt, JWT.
- **Video to Text:** Streamlit, FFMPEG, AssemblyAI, Docker, AWS.
- Integrated **Gemini AI** assistant trained on course transcripts for accurate doubt resolution.
- Implemented **Real-time analytics dashboard** and **notifications** on student course purchase.
- Added **Digital Media Rights(DMR)** encryption to protect video from piracy using **vdocipher**.
- **Collaboration:** Worked alongside a team member who focused on building and deploying the **video-to-text application** using Docker, AWS, ffmpeg and Assembly AI.

Fullstack Social Media Application | [Github](#) [Live](#) [🔗](#)

July 2024 - Aug 2024

- **Description:** Developed a full-stack Threads app clone with real-time features and a responsive design, utilizing the MERN stack along with additional technologies.
- **Technologies Used:** React.js, Express.js, MongoDB, Mongoose, Socket.io, Chakra UI, Cloudinary, Recoil.
- Implemented secure **authentication** and **authorization** using **JSON Web Tokens (JWT)**.
- Enabled users to create, delete, like/unlike, and comment on posts.
- Enabled users to follow/unfollow each other and **freeze** their accounts.
- Built a **real-time chat** application with **image support**, seen/unseen message status, and notification sounds using **Socket.io**.
- Utilized **Recoil** for efficient and scalable **state management**.

AI Mock Interview SaaS | [Github](#) [Live](#) [🔗](#)

July 2023 - Aug 2024

- **Description:** Developed a Software as a Service web app for AI-driven mock interviews tailored to candidates' roles, job descriptions, and experience.
- **Technologies Used:** TypeScript, Next.js, Tailwind, Shaden, PostgreSQL, Drizzle ORM, Stripe, Gemini AI, Clerk.
- Implemented AI-generated mock interview questions and feedback using **Gemini AI**
- Integrated **Clerk** for **authentication** and **Stripe** for **upgrading** to a premium version.

RELEVANT COURSEWORK

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|-------------------------------|------------------------------|---------------------|
| • Data Structures | • Database Management System | • Computer Networks |
| • Algorithms | • System Design | • Web Technologies |
| • Object Oriented Programming | • Low Level Design | • Operating System |