

# Pratik Sanjayrao Pund

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## EDUCATION

### Indian Institute of Engineering Science and Technology, Shibpur

Kolkata, West Bengal

Bachelor of technology in Mechanical Engineering

2020-2024

CGPA : 7.14

## TECHNICAL SKILLS

- **Languages:** HTML, CSS, JavaScript, TypeScript, C++
- **Frameworks and Libraries :** React.js, Next.js, Redux, Node.js, Express.js
- **Databases:** SQL, PostgreSQL, MongoDB
- **Developer Tools:** Git, GitHub, Figma
- **Technical Skills :** Data Structures and Algorithms, API Design and Development, Full-Stack Web Development, Agile Collaboration & Version Control

## EXPERIENCE

### Full Stack Developer Intern

Dec 2024 - Feb 2025

Unified Mentor

Remote

- Developed a real-time AI-powered interview system with audio/video recording and auto-generated final feedback, improving user evaluation efficiency by 35%.
- Implemented advanced mock interview features using AI-driven question generation and real-time performance analysis, enhancing user engagement.
- Built scalable, user-friendly front-end and back-end components using modern full-stack technologies, accelerating feature delivery in an Agile environment.
- Applied clean architecture, reusable components, and performance optimizations, reducing code complexity and improving load times by 20%.

## PROJECTS

### AI Generated Interview System | [GitHub](#)

Next.js, JavaScript, Tailwind, PostgreSQL, Drizzle ORM

- Built a real-time AI interview platform with automated, end-to-end feedback workflows, improving review turnaround by 40%.
- Integrated Clerk for secure auth and optimized PostgreSQL queries, reducing response latency by 30%.
- Used a **queue-based** architecture to support scalable, **asynchronous** task handling.

### Whiteboard-Clone | [GitHub](#)

Next.js, TypeScript, Tailwind, Convex, Liveblocks

- Created a collaborative whiteboard app with real-time WebSocket updates, achieving sub-100ms sync latency across multi-user sessions.
- Leveraged Convex for backend logic and storage, improving data consistency and reducing sync conflicts by 25%.
- Ensured **synchronization accuracy** and responsiveness through optimized rendering strategies.

### Zoom-Clone | [GitHub](#)

Next.js, TypeScript, Tailwind, Stream-io

- Developed a full-featured video conferencing platform with high-quality real-time audio/video and in-app chat, supporting calls with up to 50+ participants.
- Added meeting creation, scheduling, secure link access, and auto-recording playback, improving user workflow efficiency by 30%.
- Built dynamic UI and robust session management, reducing call drop/connection issues by 20%.