

Pratik Sanjayrao Pund

🌐 pratik.gyaanix.site | ✉ pratikpund41@gmail.com | 🔗 linkedin.com/in/pratik-pund

SUMMARY

Entry-level Full Stack Developer with hands-on experience in building scalable web applications using React, Next.js, Node.js, Express, and MySQL. Developed real-time AI-driven platforms, collaborative apps, and video conferencing solutions with focus on performance, clean architecture, and user experience. Strong in Data Structures, API development, and Agile practices. Seeking an entry-level software developer role to contribute and grow in a product-based environment.

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, REST APIs
- **Databases:** SQL, PostgreSQL, MongoDB
- **Developer Tools:** Git, GitHub, Figma
- **Technical Skills :** Data Structures and Algorithms, API Design and Development, Authentication, Full Stack Web Development, Agile Collaboration & Version Control

EXPERIENCE

Full Stack Developer Intern	Dec 2024 - Feb 2025
Unified Mentor	Remote

- Designed and developed a real-time AI-based interview platform using Next.js, Node.js, and PostgreSQL, enabling automated audio/video recording and feedback generation.
- Built RESTful APIs for interview management, user authentication, and performance analytics.
- Implemented AI-driven question generation and real-time evaluation logic, increasing user engagement.
- Optimized backend queries and frontend rendering, reducing load time by 20%.
- Followed clean architecture, reusable components, and Agile development practices.

PROJECTS

AI Generated Interview System GitHub	Next.js, JavaScript, Tailwind, PostgreSQL, Drizzle ORM
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- 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
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- 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
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- 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%.