

Tejas Ghosh

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Experience

- **Full Stack Intern, Coder Roots, Sector 74, Mohali**
January 2026 - June 2026
 - Developed full-stack development skills across real-world projects
 - Collaborated with a team to build and deploy production-grade web applications for clients
 - Independently designed and developed an end-to-end EdTech MVP, handling both the frontend and backend
 - Implemented AI-powered features to enhance product functionality

Education

- **Sri Sukhmani Institute of Engineering & Technology, Dera Bassi, Punjab**
Bachelor of Technology- Computer Science and Engineering
Graduation Year: June, 2026
- **Govt Model Senior Secondary School, Sector 40-B, Chandigarh**
Graduation Year: June, 2022

Skills

Technical Skills

- **Languages:** JavaScript, TypeScript, Python , SQL
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, TanStack
- **Backend:** Node.js, Express.js, REST APIs, Authentication (JWT, OAuth), MVC Architecture
- **Databases:** MongoDB, MySQL, Mongoose, Database Design & Optimization, Databases Transactions
- **DevOps:** Git, GitHub, Postman, ngrok, Docker
- **Cloud & Deployment:** Vercel, Render, GoDaddy, EC2
- **Software Engineering:** Data Structures & Algorithms, OOP, System Design Basics, Design Patterns, RESTful Architecture
- **AI & Integrations:** LLM Integration, Speech-to-Text APIs, AI-powered features, Prompt Engineering
- **Real-Time Technologies:** WebSockets, WebRTC, Streaming APIs, Real-Time Communication

Soft Skills

- Strong Communication, problem-solving, adaptability, keen learner

Projects

- **Karigar - Job Listing Platform**
 - Developed a role-based job listing platform connecting skilled workers with employers.
 - Implemented job posting, application management, and user profile features.
 - Built secure authentication, dashboard workflows, and scalable REST APIs.
 - Designed a responsive and user-friendly interface for seamless hiring experiences.
- **Jyotish Mentor - Astrologer Consultation App**
 - Built an astrologer consultation and mentorship platform for users and astrologers.
 - Implemented astrologer discovery, profile management, and appointment booking features.
 - In app communication like chatting and calling using websockets and twilio.
 - Created a responsive UI focused on smooth consultation and booking workflows.
- **EduVibe - EdTech Platform**
 - Independently designed and developed a full-stack EdTech platform from scratch
 - Implemented WebRTC-based real-time communication for live classes
 - Integrated speech-to-text (STT) for transcription and accessibility features
- **Travallor - Travel E-Commerce Platform**
 - Developed reusable and responsive UI components using Next.js, improving user experience and performance
 - Collaborated with the team to ensure seamless integration with backend APIs
- **PharmaPulse - Pharmaceutical Market Intelligence Agent**
 - Built an AI-powered market analysis agent to provide insights into pharmaceutical trends and products
 - Integrated APIs and automated data workflows to simulate real-time market intelligence
- **Attendance Management System**
 - Developed a scalable admin dashboard for managing attendance, users, and reports
 - Built dynamic UI components and data visualization features for better decision-making
 - Integrated secure backend APIs for real-time data updates and management
- **Speech-to-Text (STT) Pipeline**
 - Designed and implemented a real-time speech-to-text pipeline using streaming audio processing
 - Integrated external STT APIs and handled audio encoding, buffering, and backpressure