Shivanshu Tripathi

B.Tech in Electronics and Communication Engineering
Indian Institute of Information Technology Kurnool

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○ *GitHub*
🌐 *Portfolio*

PROFESSIONAL PROFILE

- Fullstack Developer with hands-on experience in building and deploying scalable web applications using React, Node.js, and MongoDB; contributed to 5+ projects and resolved 20+ technical issues through structured debugging.

EDUCATION

Indian Institute of Information Technology Design & Manufacturing Kurnool   Nov'22 – May'26
B.Tech in Electronics and Communication Engineering

Dolphin Public School, Pratapgarh   Apr 2017 – Feb 2021
Senior Secondary Percentage: 90%

PERSONAL PROJECTS

AI Mock Interviewer *GitHub Deployed*   *March 2025 – May 2025*
Developed a full-stack web application simulating real-time interview practice using AI-generated questions and user analytics.
Tech Stack: React, Firebase (Firestore & Hosting), Framer Motion, Clerk Auth
- Developed a dynamic mock interview platform that generated over 100+ unique AI-based questions across 8+ job roles.
- Integrated Clerk Auth, enabling secure login and role-based access for over 10+ registered users.
- Implemented Firebase Firestore to persist 15+ interview sessions and track real-time user progress.
- Boosted average user engagement time by 30% using smooth, animated transitions via Framer Motion.

Organic - FullStack WebApp *GitHub Deployed*   *Dec 2024 – Apr 2025*
Engineered a scalable multi-user recipe-sharing platform currently supporting 8+ active users contributing and sharing content.
Tech Stack: MongoDB, Express.js, React.js, Node.js, Redux, Tailwind CSS, ShadCN UI, Aceternity UI, Framer Motion
- Improved user onboarding and engagement by 40% through secure JWT auth, bcrypt hashing, and real-time WebSocket-based community interaction.
- Boosted backend performance by 20% using optimized MongoDB queries and API response caching.
- Ran 10+ user tests, cutting UI complaints by 15% and boosting feature discoverability.

FightClub - Frontend Webapp *GitHub Deployed*   *Oct 2024 – Nov 2024*
Built a private martial arts club platform with live sports news integration via API.
Tech Stack: React, Tailwind CSS, Framer Motion, Swiper.js
- Integrated a live sports news API, providing hourly updates on trending sports content.
- Designed and implemented 5+ responsive UI components using Framer Motion to improve interaction and navigation.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, JavaScript, HTML5/CSS
- **Frameworks & Libraries:** React.js, Express.js, Node.js, Tailwind CSS, Framer Motion
- **Databases:** MongoDB, Firebase
- **Developer Tools:** VS Code, Git, GitHub, Postman, Framer, Figma
- **UI Component Libraries:** ShadCN UI, Aceternity UI, Daisy UI
- **Other Skills:** Agile Development, Web sockets, REST APIs, Responsive Design

POSITION OF RESPONSIBILITY

- **GDG Web Dev Core Team:** Organized web development workshops, reaching 100+ participants.
- **Mentor: PreCollege** – Guided 5+ students in college admissions and 4-year academic roadmaps.