



Ansh Bhamniya
UG (IV Year I Semester)
B.Tech. (Biosciences and Bioengineering)
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Registration No: 22124008/2026



Area of Interest

Problem-Solving, App Security, Load Balancing, Nginx Server, Real-time Data, RAG, Cursor, MCP Server, Data Streaming

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	5.218
2021	Intermediate (Class XII)	Modern Era public school, bijnor Uttar Pradesh	86.20 %
2019	Matriculate (Class X)	Modern era public school, bijnor Uttar Pradesh	84.40 %

Internships

App Developer | TechSPR Private Limited April 2025 - June 2025

- Developed quick-commerce Flutter application with responsive web adaptation, employing BLoC architecture
- Implemented Firebase Auth, OTP verification service, and Stripe gateway integration and seamless checkout flow.
- Integrated GoMaps API 100M+ locations, delivery partner tracking with MongoDB NoSQL database for persistence.

Software Developer | Railse June 2025 - July 2025

- Developed Admin App using Flutter and Express, order management, client chat history, sockets-based messaging.
- Generate receipts and sent WhatsApp, payment breakdowns, bulk notifications, customer transactions.
- File injection handling, customer notifications, delivery system integration, and bulk engagement tools, Track order.

Projects

Dhadkan App | Cardio Patient/Doctor | AIIMS Delhi | Dr. Deepak Sharma, IIT Roorkee November 2024 - September 2025

- Implemented real-time messaging via Socket, allowing users to upload test reports; doctors can add medicines, save them in patient profiles with timestamps, and maintain a complete medical history for easy reference, notification popups
- Integrated Assembly.ai for real-time voice transcription using SSE; enabled offline patient data entry with local storage, syncing when online; tracks SBP, DBP, weight, and visualizes via graphs, use Flutter, Express.js and mongoDB

Meeting Notes Summarizer And Sharer MeetWise.ai | Self-project August 2025 - September 2025

- AI-powered web app to summarize meetings using RAG (Python) and store transcripts in a vector database, SQL database
- Implemented chat for asking questions about previous meetings, with saved chat history, and email sharing via SMTP.
- Use TypeScript, Express & FastAPI, with JWT authentication, First LLM API key input through user function like typemind

End-to-End Mock-Test Web Platform for JEE Preparation | NSS IIT ROORKEE January 2025 - February 2025

- Developed a comprehensive mock-test web platform for JEE aspirants , enabling large-scale online assessments.
- Use Next.js, Express.js, and SQL database, automated evaluation, real-time analytics, secure authentication

Positions of Responsibility & Extra Curriculars

Competitive Programming | Codeforces , Codechef August 2024 - Present

- Active on Codeforces (Max: 1472, Specialist) and CodeChef (Max: 1765, Div 2), ranked 6th in Starters 112 Div 4.

Member | Society of Business May 2023 - Present

- Completed an 8-week PM training program with lectures, weekly goals, and structured curriculum
- Secured 2nd runner-up among 7 teams at Intra-ShARE, also serving as team mentor
- Gained expertise in consultancy frameworks, case studies, and excelled in case competitions

Executive | Physics and Astronomy Club July 2023 - Present

- UI/UX specialist proficient in crafting intuitive designs that elevate user experiences and drive engagement
- Lead and worked with a team of Designers to make the club website
- Managed multiple Club events like Integration Bee, Nerdigram, cosmic voyage etc

Participation Mixmatch Design Hackathon | SDS Labs April 2024

- Design a better file management system for desktop
- I solved desktop file management by creating a transparent desktop folder concept
- Management and Efficient Indexing for Quick File Access

Mentor | Student Mentorship Program October 2024 - May 2025

- Facilitated smooth campus integration for freshmen at IITR and provide guidance campus groups and career options.

References

Prof. Deepak Sharma
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Indian Institute of Technology Roorkee
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