

Tinkal Kumar

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EDUCATION

Indian Institute of Information Technology, Bhopal
Bachelor of Technology in Electronics and Communication Engineering

Nov 2022 – Jun 2026
CGPA: 8.70 (upto 6th Sem)

EXPERIENCE

Executive - Competitive Programming Team, Codame Nov 2023 – Aug 2024
IIT Bhopal *Bhopal, India*

- Mentored **300+** juniors and organized **5+** coding contests to boost **coding skills** and **logical reasoning** in a **competitive setting**
- Spearheaded **10+** coding culture initiatives within a **12-member team**, increasing student participation in **coding workshops** and **hackathons** by **300%**, fostering **innovation** and **collaboration**

PROJECTS

Job-portal | *HTML, CSS, JavaScript, MERN Stack* [Live](#) | [GitHub](#)

- Developed a **scalable**, **full-featured Job Portal** using the **MERN stack** with **200+ job listings**, **secure authentication** (**bcrypt & Google OAuth**), and **role-based access control**
- Integrated a **real-time chatbot** for **instant user support** and designed **10+ optimized RESTful APIs**, improving **frontend-backend interaction** and reducing **API response time** by **30%**
- Implemented a **fully responsive React UI** for **seamless mobile access** and **enhanced user experience**, boosting **engagement** and **accessibility across devices**

ChatterBox | *Mongo DB, Express, Reacts, Node JS, Redux, Socket IO* [Live](#) | [GitHub](#)

- Implemented a **fully responsive React UI** for **seamless mobile access** and **enhanced user experience**, boosting **engagement** and **accessibility across devices**
- Engineered **user authentication** and **encrypted data storage** for **1000+ user profiles** in **MongoDB**
- Built and deployed a **responsive frontend** with **React JS**, **Node.js backend**, and **Express.js** for **3-tier architecture**

DevBlend – Interview Platform | *Next.js, TypeScript, Clerk, Convex, Stream SDK* [Live](#) | [GitHub](#)

- Developed a **collaborative coding platform** enabling **synchronized coding sessions** and **video interviews**, using **Next.js**, **Monaco Editor**, **Convex**, and **Stream SDK**
- Integrated **Clerk authentication** and built a **responsive UI** with **Tailwind CSS** and **Radix UI**, paired with a **serverless backend** for **optimized performance** and **role-based access**
- Configured **Convex backend** and **Stream SDK** to enable **live code synchronization** and **video chat** with under **200ms latency**

TECHNICAL SKILLS

CS Fundamentals: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks, Distributed Systems, Artificial Intelligence

Languages: C/C++ (Advanced), JavaScript (Intermediate), SQL, Python(Basic)

Backend: Node.js, Express.js, REST APIs, WebSockets, JWT Auth, Prisma, MongoDB, PostgreSQL

Frontend: React.js, Next.js, Tailwind CSS, ShadcnUI, WebAssembly

Tools & Platforms: Git, GitHub, Postman, VS Code, Chrome DevTools, Vercel, Netlify, Socket.io, Redux

Other Skills: API Integration, Basic Docker, CI/CD (GitHub Actions), Clerk Auth, ArcJet Security

ACHIEVEMENTS

- Achieved 4-star rating on CodeChef
- Knight on LeetCode (highest rating: 1852)
- Pupil on Codeforces (highest rating: 1382)
- Secured global rank 55 in CodeChef Starter 131 (Div 3)
- Secured global rank 1400 out of 23,000+ in Codeforces Round 1016
- Solved 1200+ DSA and CP problems across Codeforces, CodeChef, and LeetCode; participated in 80+ contests