Anuj Kamdar

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Education

Indian Institute of Technology (ISM) Dhanbad	Expected May 2028
Bachelor of Technology in Electrical Engineering (CGPA: 8.15 / 10)	*Dhanbad, Jharkhand*

- **Relevant Coursework:** Introduction to Algorithms, Computer Programming (C)

Projects

Gradlink | GitHub | gradlink-neon.vercel.app

Tech Stack: *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, shadcn/ui, Stripe, Cloudinary, Nodemailer, Multer*

- Built a multi-community alumni-student networking platform using the MERN stack, enabling colleges to operate independent ecosystems for mentorship, job discovery, and engagement.
- Designed normalized, scalable MongoDB schemas using Mongoose to manage user data, job listings, applications, posts, and donation records with efficient querying and indexing.
- Implemented secure JWT-based authentication and granular role management to support students, alumni, and institution administrators with isolated data access.
- Developed an automated "Skills-Match" notification engine using Nodemailer, which parses job requirements against student profiles to trigger targeted, relevant email alerts.
- Integrated third-party APIs including Stripe for secure payment processing and Cloudinary for optimized image/document storage.

Typerivals | GitHub | anujkamdar.github.io/typerivalswebdevelopment

Tech Stack: *JavaScript, Firebase Authentication, Firebase Realtime Database, Cloudinary, Chart.js, HTML5, CSS3*

- Developed a real-time typing speed evaluation platform using JavaScript, HTML, CSS, and Firebase to calculate net WPM, gross WPM, accuracy, and error metrics.
- Implemented Firebase Authentication to provide secure user onboarding, profile management, and persistent login sessions.
- Designed a leaderboard system with Firebase Realtime Database to rank users across multiple test durations, displaying results by net WPM and accuracy.
- Engineered performance analytics, comparing typed input against target text to identify mistakes and visualize progress using Chart.js line graphs.

Technical Skills

Languages: C/C++, JavaScript, Python
Technologies: React.js, Node.js, Express.js, MongoDB, Firebase (Auth + Realtime DB), Tailwind CSS, shadcn/ui, Chart.js, FastAPI, HTML5, CSS3, REST APIs
Tools / Platforms: Git, GitHub, Vercel, Render, Postman, Cloudinary, Stripe, Nodemailer, Multer, VS Code
Concepts: Authentication, Database Modeling, Payment Integration, CRUD Operations, WebSockets, Version Control

Achievements

- Solved 300+ algorithmic problems across Codeforces, CodeChef, and other competitive programming platforms.
- Advanced to Round 2 of the 2025 Meta Hacker Cup, ranking among top 3000 global participants. *certificate*
- Competitive programming: Codeforces rating 1261 (Pupil) and CodeChef rating 1581 .

Social Engagements

Club Member : at CYBER LABS tech society of IIT Dhanbad , contributed to collaborative web development projects and institute tech initiatives.