

Harsh Raj Minj

+91 9608426565 | h.rajminj@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Birla Institute of Technology, Mesra

Ranchi, Jharkhand

B.Tech in Computer Science and Engineering — CGPA: 7.51/10

2025 – 2029

PROJECTS

CF Live | *Go, PostgreSQL, Next.js, WebSockets*

- Built a real-time Codeforces analytics platform that tracks live submissions and streams updates through WebSockets.
- Designed backend services in Go for polling, processing, and storing Codeforces submission data.
- Implemented country, city, and organization leaderboards using PostgreSQL aggregation queries.
- Developed responsive ranking dashboards and search functionality using Next.js and Tailwind CSS.

Phylum Solutions | *Next.js, Express.js, MongoDB, Firebase*

- Developed a full-stack educational platform with dedicated teacher and student portals.
- Implemented authentication, announcements, schedules, notes, chapters, and video management systems.
- Integrated Firebase Authentication, Cloudinary uploads, and role-based authorization.
- Built responsive dashboards to improve learning and content management workflows.

Portfolio Website | *Next.js, Tailwind CSS*

- Designed and deployed a personal portfolio website showcasing projects, technical skills, and blogs.
- Configured custom domain deployment, SEO optimization, and sitemap generation.
- Built responsive UI components and optimized performance across devices.

ACHIEVEMENTS

- Solved 500+ Data Structures and Algorithms problems across competitive programming platforms.
- Actively exploring backend systems, distributed applications, and open-source development.

TECHNICAL SKILLS

Languages: C++, Go, JavaScript, TypeScript

Frontend: React.js, Next.js, React Native, HTML, CSS, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, WebSockets

Databases: PostgreSQL, MongoDB, Prisma

Tools & Platforms: Git, GitHub, Linux, Postman, Firebase, Cloudinary, Vercel