

# Ramanshu Sharan Mishra

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LeetCode: [leetcode.com/u/Ramanshu/](https://leetcode.com/u/Ramanshu/)

Codeforces: [codeforces.com/profile/IndoPhoenix](https://codeforces.com/profile/IndoPhoenix)

Portfolio: [ramspace.fun](https://ramspace.fun)

## EDUCATION

- **Dr. B.R.Ambedkar National Institute of Technology** Jalandhar, India  
*Bachelor of Technology - Information Technology; CGPA: 8.21* August 2023 - Present  
*Courses:* Data Structures, Analysis Of Algorithms, Databases, Object Oriented Programming, Web Development, Operating Systems, Computer Networks

## SKILLS SUMMARY

- **Languages:** C++, JavaScript, Python, SQL, Bash
- **Frameworks:** Node.js, React.js, Express.js
- **DataBases:** PostgreSQL, MongoDB, MySQL
- **Tools:** Docker, GIT, TypeScript, TailwindCSS3, Motion/react (framer-motion), Recoil, Redux, Zustand
- **Technologies:** REST, WebSockets, WebRTC
- **Platforms:** Linux, Windows
- **Soft Skills:** Public Speaking, Event Management, Creative Writing

## EXPERIENCE

- **FrontEnd Developer Intern - Spotless Essentials Pvt.Ltd.** Remote  
*Student Developer (Full-time)* March 2025
  - **User Interface Upgrades:** Created generic React Cards for product display using Tailwind-CSS 3 and framer-Motion
  - **Product Searching feature:** Added Title based search feature for Product searching

## PROJECTS

- **Talsky - A random person video conferencing application like Omegle.** link:<https://talksy.fun>:
  - Created client side architecture to establish WebRTC peer to peer connection between matched users using native WebRTC implementation
  - Created a signaling server to match and transmit ice candidates among users to establish peer connection
  - Developed the matching and room logic from scratch.
  - Deployed coturn (STUN +TURN) server and signaling server on AWS ec2 instance
  - **Tech Stack:** WebRTC ,Next.js, Node.js, TypeScript, Linux (Completed in August 2025)
- **Ramspace – Sleek Personal Portfolio with Modern UI Design** link:<https://ramspace.fun>:
  - Designed and created modern UI components from scratch using TailwindCSS and motion/react
  - Zustand for fast and clean state handling
  - Added Sleek SVG animations using tailwindCSS and framer-motion
  - **Tech Stack:** Next.js, TailwindCSS, motion/react (Completed in July 2025)
- **Recall - A Bookmark management and Note taking application** link: <https://recall-rho.vercel.app/>:
  - Developed a space to arrange bookmarks, customize details and display them as stunning cards
  - take notes and store them alongside the bookmarks
  - Tag based bookmark query
  - **Tech Stack:** Node.js, React, MongoDB, TypeScript (Completed in April 2025)
- **Multiplayer Chess Game Backend** link: <https://github.com/ramanshu-mishra/Shatranj-Backend/tree/master>:
  - Implemented Multiplayer chess game logic using websockets.
  - Used Redis queues for game-state persistence.
  - implemtd JWT token based authentication
  - **Tech Stack:** NodeJS,WS(Websockets),TypeScript. (Completed in February 2025)

## VOLUNTEER EXPERIENCE

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- **Club Lead - Collegiate Quantum Computing Club (SQC)** NITJ, India  
*Conducted sessions and Workshops on basics of Quantum Computing.* *Feb 2024 - Sept 2024*
- **Copmetitive Programming Team Cybernauts (Collegiate Coding Society)** NITJ, India  
*Organized events, conducted workshops and delivered workshops reaching over 500 college students.* *Feb 2024 - Present*

## ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES

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- **Competitive Programming:**
  - \* Solved **500+** questions on Leetcode/codeforces/gfg. Codolio: [codolio.com/profile/IndoPhoenix](https://codolio.com/profile/IndoPhoenix)
  - \* Achieved a **1540 rating** on LeetCode.
  - \* Attained a **1214 rating** (Pupil) on Codeforces.
- **Academic Achievements:**
  - \* Secured **State Rank 1st** in the Integrated Scholarship Examination, Uttar Pradesh.
  - \* Achieved an **All India Rank 19,000** in JEE Advanced 2023.
  - \* Achieved an **All India Rank 15,027** in JEE Mains 2023.