

Kartikeya Singh

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Education

Indian Institute of Technology, B Tech in Industrial Engineering Nov 2022 – Present

- **Coursework:** Data Structures Algorithms in C++, Probability and Statistics, Machine Design
- **Achievements:** Achieved a Global Rank of 169 in Codechef Starters 115 Div 4, Achieved a Global Rank of 2037 in Codeforces Round 990 Div 2

Experience

Front-End Engineering Intern, Under Prof Saurabh Arora, IIT Roorkee Feb 2025 – March 2025

- Worked on building interactive and dynamic user interfaces using Next.js, ensuring optimal performance and seamless user experience.
- Implemented animations and smooth transitions using Framer Motion, improving the visual appeal and usability of the platform.
- Tech Stack : Next.js, Framer Motion

Projects

Social Media App Nov 2024 - Dec 2024

- Developed a full-stack web app for professional networking between users.
- Created 2 user roles (Freelancer, Producer) and enabled role-based CRUD and Job Application based operations.
- Developed connection facility between users and Realtime Chat between connected users.
- Tech Stack : MERN, Socket.io

News Knowledge Jan 2025 - Feb 2025

- Built a news aggregation website that delivers quick AI-generated news summaries from major newspapers like Times of India, Hindustan Times, The Hindu, and The Economic Times using GPTscript integration.
- Implemented note-taking and PDF generation features, enabling users to save, organize, and download notes for efficient study sessions.
- Tech Stack : Next.js, TypeScript, Framer Motion, GPTscript, jsPDF, MongoDB.

Feedback Board App Aug 2024 - Sep 2024

- Developed a full-stack feedback management platform where users can submit feedback, vote, sort by latest or most upvoted, and engage in interactive discussions with file attachments.
- Integrated secure authentication and session management using NextAuth with AWS support.
- Tech Stack: Next.js, Tailwind CSS, MongoDB, NextAuth, AWS

Competitive Programming

Online Judges & Contest Participation August 2023 – Present

- Achieved 1412 (Specialist) on Codeforces and 1612 on CodeChef through consistent participation in contests.
- Solved 600+ problems across online judges like Codeforces, CodeChef, and LeetCode, strengthening problem-solving skills.
- Codeforces Handle: Kartikeya_Singh2004, CodeChef Handle: kartikeya_2004

Technologies

Languages: C++, C, Java, JavaScript, TypeScript

Technologies: ReactJs, Next.js, NodeJs, MongoDB