Kartikeya Singh

Roorkee | singh20kartikeya@gmail.com | 9129093993 | | linkedin.com/in/kartikeya-singh

github.com/Kartikeya2006

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.
- Implemented connection facility between users and Realtime Chat between connected users.
- Tech Stack : MERN, Socket.io

News Knowledge   Jan 2025 - Feb 2025

- Developed a news aggregation website delivering quick news summaries from major newspapers like Times of India, Hindustan Times, The Hindu, and The Economic Times.
- Integrated GPTscript for AI-generated summaries, enabling students to efficiently read and comprehend news articles with concise highlights.
- Implemented note-taking and PDF generation features, allowing users to save, organize, and download their notes for streamlined 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, and sort by latest or most upvoted.
- Integrated authentication using NextAuth with AWS support, enabling secure user login and session management.
- Implemented file uploads and interactive feedback discussions, allowing users to attach files and comment on feedback.
- 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