

KANISHK SINGHAL

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EDUCATION

- Indian Institute of Technology(IIT) Patna** Patna, India
(B.Tech in Electrical & Electronics Engineering **CPI: 8.41**) November 2022 - May 2026 (Expected)

TECHNICAL SKILLS/RELEVANT COURSEWORK

- Languages:** C, C++, Python, Javascript
- Development:** Node.js, Express.js, React, TailwindCSS, HTML, CSS, Bootstrap, VS Code, GitHub
- Clouds & Databases:** AWS, MongoDB
- Relevant Courses:** Introduction To Data Science(CS-244), Programming And Data Structures(CS-102), Probability And Random Processes(MA-225), Python Programming(CS-384), Digital Circuits & Microprocessor(EE-201)

PROJECTS

- ShortyUrl** Source Code | Live Link
URL shortener application June 2024 - July 2024
 - Engineered a fully functional application to manage and shorten URLs, using **React, TailwindCSS, Supabase, and Shadcn UI** resulting in a seamless user experience with 100% successful user authentication.
 - Incorporated advanced features including **QR code** generation for each shortened URL and click tracking with detailed analytics on user interactions and geographic locations.
 - Optimized user experience by leveraging **real-time data insights**, providing comprehensive statistics on URL usage, and ensuring 99% uptime for secure link management.
- Quick News** Source Code | Live Link
Real-Time News App May 2024 - June 2024
 - Built a React application delivering real-time news across **8 distinct** categories using the **G News API**.
 - Utilized **Axios** for efficient **HTTP requests**, facilitating seamless interaction with external APIs and data integration.
 - Designed responsive interface and enabled **real-time updates** to enhance user experience and engagement with **live news content**.

ACCOMPLISHMENTS

- Secured a Gold medal (out of 22 IITs) at Inter IIT Tech Meet 12 in Jaguar Land Rover's high-prep problem statement, demonstrating effective and creative solutions. **Certificate**
- Achieved a **3 Star** rating on Codechef **kanishks281** with maximum rating of 1731.
- Attained **Specialist** rank on Codeforces **Blast4** with a peak rating of 1456.
- Earned a Global Rank of **350** among 2,200+ active participants in **Codechef** Starter 140 (Div-2).
- Secured a Global Rank of **119** among 4,000+ active participants in **Codechef** Starter 139 (Div-3).
- Secured a Global Rank of **2317** among 30,000+ active participants in **Codeforces** Round 924 (Div-2).
- Secured a Global Rank of **2523** among 24,500+ active participants in **Codeforces** Round 936 (Div-2).
- Qualified **RMO 2019**, demonstrating advanced mathematical and analytical abilities.

EXTRA-CURRICULAR ACTIVITIES

- Celesta IIT Patna** May 2023 – Present
Coordinator & Sub-Coordinator
 - Guided sub-coordinators in learning web development technologies and leading the creation of a scalable fest website for a **2000+ user base**, focusing on innovative design, infrastructure solutions, and low-latency performance, while implementing effective risk management strategies.
- E-cell IIT Patna** Mar 2023 – Jan 2024
Sub-Coordinator
 - Organized and led 2 events for 100+ juniors to foster **entrepreneurial** spirit, while developing the **frontend** of the E-Cell website, focused on market-driven and finance-oriented solutions.
- Inter IIT Tech Team** October 2023 – December 2023
Member
 - Collaborated with a team of 8 members on a complex problem statement, improving **teamwork, communication, and analytical skills**, leading to a Gold medal finish among 22 IITs.