

ANKUR KUMAR RAI

Computer Science Undergraduate & Full-Stack Developer

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CAREER OBJECTIVE

Computer Science undergraduate and Full-Stack Developer (MERN) experienced in building scalable web applications and AI-powered systems. Proficient in React.js, Node.js, and Java, with strong DSA fundamentals demonstrated through 250+ problems solved on LeetCode. Recognized for innovation through national-level competitions and programs with IBM, Adobe, and NITI Aayog. Seeking a Software Development role to build impactful, real-world products.

INTERNSHIPS & EXPERIENCE

Software Development Intern — [CODTECH](#)

Jun 2025 – Jul 2025 | Remote

- Developed full-stack web modules and RESTful APIs to support data-driven applications
- Integrated backend services with databases, improving data handling efficiency and query performance
- Collaborated with cross-functional team members to enhance system architecture and optimize application performance

Co-Lead — [Team Tinkerers](#)

2019 – 2023

- Co-led a student innovation team across national competitions (ATL Marathon, Shaastra, Pravega), driving idea development, prototyping, and team coordination

ATL Student Intern — [IBM](#)

2022 | Virtual

- Designed a product workflow for an IoT-based Smart Waste Management System and collaborated on hardware-software integration for a functional prototype

Adobe Student Mentorship Program — [Adobe](#)

Sep 2020 | Virtual

- Worked on real-world technology projects under a structured mentorship program, gaining early exposure to product thinking

PROJECTS

PrepTrack — DSA Progress Tracking Web App | [GitHub](#) | [Live Demo](#)

- Built a full-stack DSA tracker with LeetCode GraphQL auto-sync, streak tracking, and analytics dashboards, using React (Vite), Firebase (Auth + Firestore + Hosting), and Recharts

IndiaVotes — Election Awareness Platform | [GitHub](#) | [Live Demo](#)

- Built a React + Firebase platform to educate users on the Indian electoral process, with an interactive EVM/VVPAT simulator, election timeline, and quizzes

AI Resume Job Matcher | [GitHub](#)

- Built an AI-powered system matching resumes to job roles via semantic similarity, using Llama 3 (Groq) for skill extraction and vector search (Endee Vector DB) for fast, accurate matching, with a fallback engine for reliability

TECHNICAL SKILLS

- **Languages:** Java, JavaScript (ES6+), Python, SQL
- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend & DB:** Node.js, Express.js, Spring Boot, MongoDB, MySQL, PostgreSQL
- **Core CS:** Data Structures & Algorithms, OOP, DBMS, Operating Systems, RESTful API Design
- **Cloud & DevOps:** AWS EC2, Firebase (Auth, Firestore, Hosting), Google OAuth, Git, Docker
- **Tools:** Arduino, Raspberry Pi

EDUCATION

B.Tech, Computer Science & Engineering — [Uttaranchal University, Dehradun](#)

2023 – Present

- CGPA: 8.59 / 10

ACHIEVEMENTS & HONORS

- 250+ DSA problems solved on LeetCode | 10+ full-stack & AI projects built and maintained on GitHub
- 1st Place — Pravega 2022, IISc Bangalore
- 2nd Place — Shaastra Juniors 2021, IIT Madras
- Top 10 Teams — ATL Marathon 2022 (Uttarakhand) | Top 150 Teams — ATL Marathon 2020 (Nationwide)
- Featured in ATL Marathon Coffee Table Book (2019–20), NITI Aayog

CERTIFICATES

- The Complete Full-Stack Web Development Bootcamp — Udemy
- MERN Stack Ascent: 45-Day Portfolio Challenge — EvolveSpark