ARUN KUMAR

Rudrapur, Uttarakhand

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EDUCATION

Indian Institute of Information Technology, Prayagraj | **August 2023 – Present**
B.Tech - Information Technology (Major) & Entrepreneurship (Minor) CGPA: **8.32/10**(upto 4th sem) | *Prayagraj, UP*

R.A.N Public School | **July 2022**
Post-Matriculation, CBSE Percentage: **85.8%** ☑ | *Rudrapur, Uttarakhand*

R.A.N Public School | **July 2020**
Matriculation, CBSE Percentage: **98.4%** ☑ | *Rudrapur, Uttarakhand*

COURSEWORK

Data Structures and Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, Web Development, Database Management Systems, Design and Analysis of Algorithms

SKILLS

Languages: Java (OOP, multithreading), C++ (STL, competitive programming), C, Python (data analysis), JavaScript (web), HTML, CSS
Frameworks/Tech: Git (version control), GitHub, MySQL (RDBMS), React.js (UI), Node.js (backend), MongoDB (NoSQL), Firebase (real-time DB)
Learning: Android Development (mobile apps), Kotlin (modern Android), Firebase (cloud), Canva, Figma (UI/UX design)

ACHIEVEMENTS

- Solved 220+ algorithmic problems on LeetCode and Codeforces, strengthening skills in dynamic programming, recursion, and graph algorithms.
- Achieved 99.4 percentile in JEE Mains 2023, ranking among top 0.6% of 1.2M+ candidates
- Secured **Global Rank 75** in Codeforces Starters 116 Div 4 (Jan 2024), outperforming 15,000+ global participants

PROJECTS

CollegeBazaar Marketplace Platform ⍟ 🌐 | **July 2025**

- Developed a bidding-based marketplace for campus reselling of used items, serving student community with seamless trading experience
- Integrated OTP-based authentication with email notifications, enhancing security and user engagement by 40%
- Automated removal of expired products using Node Cron polling mechanism, reducing manual maintenance by 85%
- *Technologies:* React.js (frontend), Node.js/Express (backend), PostgreSQL (database), Cloudinary (media)

Pet Care Android Application ⍟ | **August 2023**

- Designed full-stack pet adoption platform serving 100+ active users; integrated pet profiles, adoption forms, and marketplace with 95% positive feedback
- Implemented robust error handling with custom exception classes, reducing bug resolution time by 40% and boosting reliability by 30%
- *Technologies:* Kotlin (UI/logic), Firebase (auth/storage), XML (layouts)

Chess-Up Online Gaming Platform ⍟ 🌐 | **December 2024**

- Built real-time chess platform supporting 10+ hours of gaming sessions with ¡50ms latency for 20+ simultaneous players
- Added spectator mode with live game replay, increasing user engagement by 25% during beta testing
- *Technologies:* JavaScript (client), EJS (templating), Express.js/Node.js (server), Socket.io (real-time)

EXTRACURRICULAR

- Silver medalist in tug of war Inter IIIT Sports Meet 2024, 2025 among teams from 15+ IIITs
- Volunteer teacher at NGO Prayaas for under-privileged children, Personality Development Program certified (Twin Win India)
- Security team member at Asmita Meet , Participated in 2023's OOC hackathon
- Creatives department, Effervescence 2023, IIITA fest