

Raushan Singh

88095 69611 | raushan1.230101100@iiitbh.ac.in | [linkedin.com/in/devraushan](https://www.linkedin.com/in/devraushan) | github.com/devraushan

EDUCATION

Indian Institute of Information Technology, Bhagalpur <i>7.05 CGPA — Bachelor of Technology in Computer Science and Engineering</i>	Bhagalpur, Bihar, India <i>Aug. 2023 – May 2027</i>
Jawahar Navodaya Vidyalaya, Supaul <i>Secondary and Senior Secondary Education (Class VI - XII)</i>	Supaul, Bihar, India <i>Jul. 2016 – Mar. 2023</i>

EXPERIENCE

Quant Lead <i>PYC Coding Club</i> - Mentored 15+ peers in algorithms and data structures through competitive programming sessions - Authored 20+ coding challenges with weekly workshops, improving contest performance by 30% - Hosted and ran programming contests with 100+ participants, coordinating problemsets, leaderboard operations, and editorials to strengthen technical engagement	Aug. 2025 – Present <i>IIIT Bhagalpur, Bihar</i>
Backend Developer Intern <i>Staiz Finder Tech. Pvt. Ltd.</i> - Shipped RESTful APIs in Express, improving response time and handling 50K+ monthly transactions - Engineered MongoDB schemas for users, owners, properties, and bookings, boosting query efficiency 40% - Led integration with 3+ front-end developers to integrate APIs, ensuring 99.9% uptime and reducing integration issues by 25% - Instituted and enforced authentication and authorization policies, achieving a 35% drop in unauthorized access attempts and improving system security	May 2025 – Aug. 2025 <i>Patna, Bihar</i>

PROJECTS

Scholarsays Blogs <i>Next.js, Firebase, Google OAuth 2.0, Tailwind, Git</i> - Developed a full-stack blogging platform using Next.js as both frontend and backend framework - Integrated Firebase Authentication with Google OAuth 2.0 for secure user login - Introduced infinite scroll using the Intersection Observer API, improving UX and scroll performance - Streamlined rendering for a scalable, responsive UI by reducing bundle size and deferring non-critical tasks	May 2024 – Aug. 2024
Chat Ultimate <i>Node, Express, Next.js, Tailwind, Socket.io, Postgres</i> - Implemented a full-stack real-time chat app with authentication/authorization, serving 100+ users - Provisioned PostgreSQL-backed REST endpoints supporting efficient CRUD and secure data access - Designed a responsive UI using Next.js + Tailwind and integrated Socket.io for instant messaging - Deployed a full-stack application with frontend on Netlify and backend on Microsoft Azure, ensuring scalability, reliability, and smooth integration	Sep. 2022 – May 2023

TECHNICAL SKILLS

Languages: C/C++, Python, Java, SQL, JavaScript, HTML/CSS, Golang
Frameworks: Next.js, Node.js, WordPress, Flowbite, Tailwind, FastAPI
Developer Tools: Git, GitHub, Docker, VS Code, PyCharm, IntelliJ
Core CS: REST, OOP, System Design, Operating System, SOLID, DBMS, Data Structures, Algorithms

ACHIEVEMENTS

- Earned bronze medal in Indian National Olympiad in Informatics, among 700+ participants nationwide
- Selected as a Reliance Foundation Undergraduate Scholar for academic excellence and leadership potential
- Achieved 500+ accepted solutions across Codeforces (200+), CodeChef (200+), CSES, and LeetCode
- Codeforces: Specialist; peak rating 1492; best global rank 1100. Demonstrated strength in algorithms, data structures, complexity analysis, and debugging under timed constraints
- CodeChef: 3-Star (Div 2); peak rating 1748; best global rank 148. Solved diverse problems across DP, graphs, trees, greedy, and number theory with a focus on correctness and performance