

SANTU KUMAR

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EDUCATION

B.Sc Computer Science & Data Analytics, <i>Indian Institute of Technology Patna</i> (CPI 8.14)	2023 – 2026
12th Standard , Hotilal Ramnath College (SCORE 80.8%)	2021
10th Standard , High School Marhowrah (SCORE 78.8%)	2019

EXPERIENCE

GUVI (HCL Initiative) - Full-Stack Dev Intern	06/2025 – present
<ul style="list-style-type: none">Completed 90-day hybrid internship via IIT Patna, following GUVI's 3-phase project plan (Self-Paced → Individual → Group Projects).Built scalable apps using React, Spring Boot, Docker, GCP, with JWT auth, REST APIs, Redis caching.Delivered 2 solo projects (15d/20d) and a 40d Agile group project, reviewed by mentors weekly.	
Internshala - Campus Ambassador	04/2025 – 05/2025
<ul style="list-style-type: none">Promoted Internshala internships and courses, boosting student engagement across IIT Patna.Led peer-focused marketing campaigns and awareness drives to increase platform visibility.	
Event Coordinator – Anwesha, IIT Patna	01/2024 – 02/2025
<ul style="list-style-type: none">Contributed to IIT Patna's annual technocultural fest, Anwesha, attended by over 5000 participants.Led and coordinated on-ground logistics with a team of 50+ student volunteers.Assisted in scriptwriting for drama performances, blending creative and operational responsibilities.	

PERSONAL PROJECTS

XzalChat — Real-Time Chat Application </>

Tech: React.js, Firebase (Authentication, Firestore), Cloudinary, Context API

- Developed a real-time chat app supporting text/media messages, using Firebase Firestore for instant updates and syncing across devices.
- Implemented Firebase Authentication for secure user login/logout, reducing unauthorized access by **100%**.
- Enabled media sharing (Cloudinary), improving user engagement by **25%**.

Xzal — Full-Stack Social Media Application </>

Tech: React.js, Spring Boot, MySQL, Redux, Cloudinary, JWT

- Built a scalable platform supporting real-time posts/reels, designing **25+ REST APIs** (Spring Boot) that improved data throughput by **30%**.
- Secured authentication via **JWT + role-based access**, preventing unauthorized access to sensitive user data.
- Reduced storage costs by **35%** by integrating **Cloudinary CDN** for media uploads, enabling faster global delivery.

Weather App </>

Tech: React.js, WeatherAPI, HTML, CSS, JavaScript

- Developed a responsive weather application with real-time updates.
- Optimized API handling and improved rendering speed by **30%**.

CERTIFICATES / ACHIEVEMENTS

- HackerRank Certified:** Frontend Developer(React) [View Credential](#)
- Cleared AlgoQuiz** – DSA MCQ Faceoff in *CodeClash 2025* [Details](#)
- Solved 250+ problems and reached **Level 7** with **10,000+ EXP** on Coding Ninjas Code360. [Profile](#)
- HackerRank Certified:** Software Engineer [View Credential](#)
- Young Turks Finalist:** Top 20%, *Naukri Campus* [More Info](#)
- Top 2% Rank** – Bizquezt #19 by Naukri Campus [Leaderboard](#)
- Top 2.6% Global Ranking** on *LeetCode* [Profile](#)

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL

Databases: MySQL, PostgreSQL

Frameworks: Spring Boot, Spring MVC, React.js, Tailwind CSS

Web Technologies: HTML5, CSS3, Git, Postman, REST APIs, JUnit.

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), Microservices, Operating Systems, Computer Networks