

Lalit Kumar Sharma

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Education

Indian Institute of Information Technology, Senapati

Bachelor of Technology in Computer Science

Nov 2022 – May 2026

CPI: 8.21

Experience

QuickIntell

Oct 2025 – Nov 2025

Full Stack Developer Intern

- Validated 250+ API endpoints across 5 full-stack projects using Postman – created comprehensive test collections covering authentication, authorization, edge cases, and error handling workflows.
- Executed data quality testing using Flowise AI and manual verification – validated generated datasets across multiple modules, ensuring data accuracy and module-level correctness for production deployment.

Centre for Development of Advanced Computing (CDAC), Noida

Dec 2024 – Jan 2025

Ethical Hacking and Penetration Testing Intern

- Completed intensive cybersecurity internship under Government of India's Cyber Gyan Project — gained hands-on expertise in Ethical Hacking, Penetration Testing, Network Security, and Digital Forensics methodologies.
- Analyzed disk images exceeding 10GB using forensic tools (Autopsy, FTK Imager, EnCase) – successfully recovered 150+ hidden and deleted files, documented findings, and identified potential security vulnerabilities.

Projects

Job Application Portal | React.js, Node.js, Express.js, MongoDB, JWT, Socket.io, Cloudinary

Oct 2025

- Engineered a full-stack job portal with custom JWT authentication for 3 user roles – supporting 100+ job seekers and 20+ recruiters with job search, application tracking, and resume uploads via Cloudinary.
- Built recruiter dashboard managing 50+ job listings and 200+ applications – integrated Socket.io for real-time jobs updation and interview scheduling, reducing recruiter response time by 60%.
- Architected admin verification system processing 30+ company registrations with credential validation (domain, website, CIN) – designed responsive UI with Tailwind CSS and MongoDB ensuring platform credibility.

Bookstore Application | MongoDB, Express.js, React.js, Node.js, JWT, Tailwind CSS

Dec 2024

- Constructed a full-stack bookstore platform with JWT authentication and role-based access control – implemented secure user registration, login, and session management with encrypted password storage using bcrypt.
- Integrated Google Books API and Open Library API to fetch 1,000+ books – engineered advanced search functionality with real-time filtering by category, author, price range, and ratings for enhanced user experience.
- Integrated Saved Books feature using MongoDB for persistent storage – enabled users to bookmark selections and retrieve them across sessions, improving user engagement and platform retention.

Sorting Algorithm Visualizer | C++, Raylib, Multithreading, Data Structures

Jan 2024

- Built an interactive sorting algorithm visualizer in C++ using Raylib graphics library – demonstrated Bubble Sort, Insertion Sort, and Quick Sort with real-time color-coded animations at 120 FPS.
- Leveraged multithreading for smooth performance – added adjustable speed controls, pause/resume functionality, variable dataset sizes, and step-by-step execution mode for educational demonstrations.

Technical Skills

- Programming Languages:** Python, JavaScript, C++, C, SQL
- Frontend Technologies:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux, Context API, React Native
- Backend Technologies:** Node.js, Express.js, REST APIs, WebSockets, JWT Authentication
- Databases & Cloud:** MongoDB, MySQL, Cloudinary
- DevOps & Tools:** Git, GitHub, Linux, Postman, VS Code, npm, Vercel
- Coursework:** Data Structure & Algorithms, OOPS, DBMS, OS

Achievements/Certifications

- NPTEL – The Joy of Computing Using Python (Score: 85%, Jul-Oct 2024)
- Secured 2nd Position in C.P. Competition – AHOUBA'24, IIIT Manipur (Apr 2024)
- Solved 500+ Data Structures and Algorithms problems on LeetCode and GeeksforGeeks – mastered concepts including Arrays, Trees, Graphs, Dynamic Programming, and Backtracking.