

Prince Sharma

Roll No.: 2201053cs

Bachelor of Technology (B.Tech)

Computer Science and Engineering (CSE)

Indian Institute of Information Technology, Bhagalpur

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GitHub Profile

Linkedin Profile

Education

- Indian Institute Of Information Technology, Bhagalpur** 2022-26
Bachelor of Technology in Computer Science Engineering CGPA: 7.07
- D.A.V POLICE PUBLIC SCHOOL , 12th** 2020-21
Central Board of Secondary Education Percentage: 94
- D.A.V POLICE PUBLIC SCHOOL , 10th** 2018-19
Central Board of Secondary Education Percentage: 86

Technical Skills and Interests

Languages: C, C++, Python, JavaScript, TypeScript, HTML, CSS

Developer Tools: Git, GitHub, Postman, Jira, Vercel, VS Code

Frameworks: React, Next.js, Angular, Node.js, Express.js, Tailwind CSS, ShadCN UI

Cloud/Databases: MongoDB, MySQL, PostgreSQL, Pinecone, SQL, AWS, Docker

Soft Skills: Quick decision-making, Technical communication, Feedback incorporation

Coursework: DSA, DBMS, OOPS, OS, Software Engineering, AI/ML

Areas of Interest: Data Structures, Web Development

Experience

- Quickintell** May 2025 - Jul 2025
SDE Intern
 - LLM Pipelines:** Engineered 5+ data pipelines converting 10K+ docs to Parquet, boosting efficiency by 40%
 - Semantic Search:** Architected Pinecone vector storage achieving 95% accuracy, slashed retrieval to 200ms
 - Healthcare Integration:** Enhanced OpenEMR APIs processing 1M+ records, improved interoperability by 30%
- SwiftBL** Mar 2025 - Apr 2025
SDE Intern
 - Digitalization:** Digitalized 500+ shipment documents, decreased processing time by 60%, eliminated errors
 - System Design:** Designed Node.js/MongoDB system for 200+ users, accelerated data access by 45%
 - Security APIs:** Created 15+ REST APIs with RBAC, secured 1000+ records, minimized unauthorized access by 90%
- Infosys SpringBoard** Dec 2024 - Feb 2025
Full Stack Developer Intern
 - Platform Development:** Architected Angular travel platform with 4 modules, supported 50+ daily users, maintained 99% uptime
 - Authentication:** Secured 2000+ user accounts with zero breaches during internship
 - Technical Development:** Delivered 20+ Angular components and 30+ backend services in 3 months
 - Agile Collaboration:** Completed 15+ sprints with 50+ Git commits, decreased bugs by 25%

Projects

- Talk-A-Tive** Jan-Feb 2025
Developed a full-stack real-time chat platform with modern UI, auth, and scalable messaging for 20+ users.
 - Tech Stack:** React, Node.js, Express.js, MongoDB, Socket.io, JWT Authentication.
 - Real-Time Messaging:** Served 20+ users with 50ms latency, managed 1000+ daily messages, ensured 99.9% delivery rate
 - Deployment:** Supported 50+ concurrent connections, optimized response time by 40% with WebSockets
- WebRTC LiveConnect** Mar-Apr 2025
Engineered a peer-to-peer video calling platform with **auto-generated room creation** and low-latency.
 - Tech Stack:** WebRTC, React, Node.js, Socket.io, Express.js.
 - Video Features:** Enabled group calls for 10+ users, maintained 150ms latency with 720p quality
 - Performance:** Orchestrated 30+ simultaneous calls with 98% success rate, conserved bandwidth by 40%
- BookMyStay** Dec-Jan 2025
Developed a hotel booking platform with search, filters, and real-time availability.
 - Tech Stack:** React, Node.js, Express.js, MongoDB..
 - Booking System:** Designed platform with 10+ filters for 100+ hotels, facilitated 20+ daily bookings
 - User Experience:** Achieved 4.8/5 satisfaction with real-time updates and 2s load times

Achievements

- 14th Rank in SIH (Smart India Hackathon) out of 100+ teams.**
- CAD Certified from ServiceNow demonstrating proficiency in CAD tools and workflows.**