

Rahul Singh

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Education

Indian Institute Of Information Technology, Ranchi 2022 – 2026
B.tech in Electronics and Communication Engineering

Experience

Full Stack Developer Intern (Project Lead) *Alpixn Technologies* Remote Apr 2025 - Present

- Spearheaded end-to-end development of Salon Sphere SaaS platform using Next.js, Express.js, Node.js, sql, prisma managing all aspects from system design to deployment for 150+ salon businesses
- Engineered multi-role authentication system supporting 5 distinct user types with granular permissions:
 - Salon Owners , staff(Attendance tracking) , Clients , Admin,sales Person
- Later promoted to team leadership:
 - Conducted technical interviews and assembled 5-member cross-functional team
 - Mentored junior developers on 3 client projects using Vue/Node.js stack

Full Stack Developer Intern *Site Guru Pvt. Ltd.* Remote Jan 2025 - Apr 2025

- Architected real-time tracking system for RideExpress using WebSocket & Geolocation API, reducing driver arrival time by 30% through optimized routing algorithms
- Integrated PhonePe & Razorpay payment gateways with idempotency checks, processing 15L+ monthly transactions maintaining 99.8% success rate
- Developed automated courier management system using Vuetify framework, reducing manual processing time by 40% through PDF generation & barcode scanning features
- Designed real-time chat system with Socket.io implementing message persistence in MySQL, achieving 200ms latency for 1k+ concurrent users

Full Stack Developer (Freelance) *Client Projects* Remote Jun 2024 - Present

- Developed production-grade transportation solution for Asht Cab Services (ashtcabservices.in 🌐):
 - Engineered real-time ride booking system with automated fare calculation using Google Maps Distance Matrix API
 - Integrated PhonePe payment gateway handling 1.2k+ monthly transactions with idempotency checks
 - Implemented JWT authentication with refresh tokens and rate limiting (40 req/min)
 - Optimized PostgreSQL queries reducing ride search latency from 2.4s to 380ms

Technologies

Languages: JavaScript (ES6+), Typescript , SQL, HTML5, CSS3, Java
Frontend: Vue.js, Vuetify, React, Next.js, Tailwind CSS, WebSocket
Backend: Node.js, Express.js, REST APIs, JWT, Socket.io, Prisma, GraphQL
Databases: PostgreSQL, MySQL, MongoDB, Redis
Cloud & DevOps: AWS EC2/S3, Docker, Nginx, GitHub Actions, CI/CD
Payment Systems: Razorpay, PhonePe, Stripe, Webhook Security
Tools: Postman, Git, Jira, Figma, Sentry, Storybook.js