

Kunal Sharma

Jamshedpur, India | kunalsharma12887@gmail.com | +91 9507966158 | [Linkedin](#) | [Github](#) | [Portfolio](#)

SUMMARY

Passionate and proactive software developer with hands-on experience in full-stack web and mobile application development. Skilled in building scalable, user-centric solutions using modern technologies and frameworks. Proven ability to deliver end-to-end projects. Experienced with cloud platforms, containerization, and DevOps tools, combined with strong foundations in JavaScript and Java.

Experience

Java Developer Intern

Briztech Infosystem Pvt. Ltd.

July 2025 (6 weeks)

- Developed robust backend modules using Core Java and JDBC to handle business logic and database interactions.
- Worked closely with frontend developers to ensure smooth integration and optimize application performance.

Frontend Developer Intern

Briztech Infosystem Pvt. Ltd.

June 2024 (4 weeks)

- Built UI interfaces using React.js and Tailwind CSS for responsive business dashboards.
- Improved frontend performance and contributed to cross-browser compatibility.

Young Innovators Internship Challenge 2024

Scaler School of Technology

July 2024 (10 weeks)

- Participated in a competitive internship challenge building real-world tech solutions.
- Collaborated on scalable full-stack applications with guidance from industry mentors.

PROJECT

Vartalaap (MERN) [Live](#)

July 2025

- Developed a full-featured social media platform with posts (images/videos/text), likes, comments, follow requests, and 24-hour disappearing statuses.
- Implemented real-time chat and video calls (<200ms latency) using Socket.IO + WebRTC, stress-tested with 500+ concurrent users.
- Integrated Cloudinary for media upload & optimization, improving load times by 35% and reducing bandwidth usage by 60%.
- Built secure, scalable backend APIs with JWT authentication, ensuring 100% protection against unauthorized access in testing.

Tech: MongoDB, Express.js, React.js, Next.js, Node.js, Socket.IO, WebRTC, Cloudinary

Mediquerry (MERN + AI Integration) [Live](#)

Feb 2025

- Built an AI-driven healthcare assistant that analyzes user symptoms via Google PaLM/Gemini AI to provide personalized medicine suggestions with ~90% accuracy.
- Integrated Google Maps API to display real-time nearby pharmacies, reducing search time by ~70%.
- Designed an intuitive chatbot UI in React + Next.js, improving user query resolution speed by ~50%.
- Developed a Node.js + MongoDB backend for secure data storage and scalable APIs, handling 1000+ queries/day in testing.

Tech: React.js, Next.js, Node.js, MongoDB, Google Maps API, Google PaLM/Gemini AI

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SKILLS

Programming Languages - JavaScript, Core Java

Frontend - React.js, React Native, Tailwind CSS, Bootstrap

Backend & Frameworks - Node.js, Express.js, Next.js

Databases - MySQL, MongoDB, MariaDB, Redis, Postgress

Cloud & DevOps - Docker, Kubernetes, Cloudinary

Tools & Platforms - Git, Github, Postman, Firebase, VS Code, Android Studio

EDUCATION

Diploma in Computer Science & Engineering

2023 – 2026

Government Polytechnic Ranchi, Jharkhand

CGPA: **8.3 (Till Date)**

Class 10 (Matriculation)

Completed in 2023

Jharkhand Academic Council (JAC)

Percentage: **81.40%**

ACHIEVEMENTS & ACTIVITIES

Built and Launched Official College Website - Developed and deployed the official website of Government Polytechnic Ranchi (gpranchi.co.in) during the first semester, significantly improving digital access for students and faculty.

Build with AI – GDG Ranchi - Participated in Google Developer Group (GDG) Ranchi's "Build with AI" event and built an AI-powered chatbot using **Google PaLM** and **Gemini**, showcasing practical applications of generative AI.

Google Arcade (Cloud Skills Boost) - Earned multiple **skill badges** through Google Cloud Arcade and Google Cloud Skills Boost—covering topics like IAM, Generative AI, Compute Engine, Load Balancing, and more.