

Kunal Sharma

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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 containerization, and DevOps tools, combined with a solid foundation 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.
- Implemented **CRUD operations and exception handling**, improving application maintainability and reliability.

Frontend Developer Intern

Briztech Infosystem Pvt. Ltd.

June 2024 (4 weeks)

- Developed responsive and SEO-optimized user interfaces using **Next.js, React.js, and Tailwind CSS**.
- Enhanced frontend performance and ensured cross-browser compatibility across modern browsers.

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)

July 2025

- Developed a full-featured social media platform with posts (images/videos/text), likes, comments, follow requests, and 24-hour disappearing statuses.
- Integrated Cloudinary for media upload & optimization, improving load times by **35%** and reducing bandwidth usage by **60%**.
- Secured backend APIs using **Firebase Authentication** for user authentication and authorization.

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

MediQuery (MERN + AI Integration)

Feb 2025

- Built an AI-driven healthcare assistant that analyzes user symptoms via Google Gemini API (via Google AI Studio) to provide personalized medicine suggestions .
- Integrated Google Maps API to display real-time nearby pharmacies.
- Designed an intuitive chatbot UI using **React, Next.js and Tailwind CSS**, improving overall user query experience.
- Developed a **Node.js and MongoDB** backend for secure data storage and scalable API handling.

Tech: React.js, Next.js, Node.js, MongoDB, Google Maps API, Google Gemini API (via Google AI Studio)

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SKILLS

Programming Languages - JavaScript, Core Java

Frontend - React.js, Tailwind CSS

Backend & Frameworks - Node.js, Express.js, Next.js (API Routes)

Databases - MySQL, MongoDB, Redis, PostgreSQL

Cloud & DevOps - Docker, Kubernetes

Media & Storage – Cloudinary

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

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.

Google Developer Group Ranchi & GDG on Campus Member – Actively participated in community sessions and events focused on **AI**, **cloud**, and modern development practices.

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 Gemini API (via Google AI Studio)**, 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.

Young Innovators Internship Challenge (Scaler School of Technology) – Participated in a competitive tech internship challenge, working on **projects** under industry guidance.

Real-Time Scalable App Development – Developed a large-scale social media application (**Vartalaap**) with real-time chat and 24-hour statuses.

AI-Based Healthcare Assistant Development – Built **MediQuery**, an AI-driven symptom analysis system using **Google AI Studio (Gemini API)** with **Google Maps API integration** for healthcare-related services.

EDUCATION

Diploma in Computer Science & Engineering Government Polytechnic Ranchi, Jharkhand	2023 – 2026
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- **1st Semester:** 7.86 SGPA
- **2nd Semester:** 8.35 SGPA
- **3rd Semester:** 8.58 SGPA
- **Average CGPA (Till Date): 8.26**

Class 10 (Matriculation) Jharkhand Academic Council (JAC) Percentage: 81.40%	Completed in 2023
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