

Prahlad Singh

Full-Stack Developer — MERN / MEVN — React Native — Real-Time & Multi-Tenant Systems

📍 Gurgaon, Haryana, IN — ✉ prahlad.singh.dev@gmail.com — 📞 +91 91490 62842
🌐 linkedin.com/in/prahlad-singh — 🐙 github.com/PrahladWebDev — 🌐 prahladsingh.in

Summary

Full-stack developer specializing in MERN/MEVN, with production experience building multi-tenant SaaS architectures, JWT/RBAC authentication, and real-time systems (Socket.io, PeerJS, Redis). Comfortable end-to-end: MongoDB schema design, RESTful APIs, pixel-perfect React/Vue/React Native frontends, and Linux DevOps (Nginx, PM2, GitHub Actions). Currently building a large-scale healthcare platform with DICOM imaging, telemedicine, and Razorpay payments.

Technical Skills

Frontend	React.js, Vue.js, Vuetify, React Native (Expo), Next.js, Redux Toolkit, Vuex, JavaScript (ES6+)/TypeScript, Tailwind CSS, HTML5/CSS3, Vite, Monaco Editor
Backend	Node.js, Express.js, NestJS, RESTful APIs, Socket.io, PeerJS (WebRTC), Redis, JWT, RBAC, PHP
Database	MongoDB, Mongoose, Aggregation Pipelines, Multi-Tenant Architecture, MySQL, Schema Design & Indexing
DevOps & Tools	Linux, Nginx, PM2, GitHub Actions (CI/CD), Git, SSH/SCP, SSL, Postman, Puppeteer, Cloudinary, npm Publishing
Data Viz, AI & APIs	Chart.js, Three.js, D3.js, Gemini API, GitHub API, Razorpay, DICOM Imaging (DWV), OpenWeatherMap API, remove.bg, Cron Automation

Experience

Lifelayer Health Solutions Pvt. Ltd.
Backend Developer → Full-Stack Developer

Gurugram, India
Mar 2025 – Present

- Built a large-scale multi-tenant healthcare platform (MEVN) with per-company MongoDB isolation, a connection manager, and a model factory pattern.
- Built a production-grade telemedicine system using PeerJS, Socket.io, and Redis session persistence with ICE restart and multi-device login support.
- Implemented real-time ambulance booking with live GPS tracking via Socket.io and Google Maps, and integrated Razorpay payments with Puppeteer-generated PDF invoicing.
- Designed JWT/RBAC authentication across 5+ roles, backed by indexed, HIPAA-aligned MongoDB schemas.

Projects

Wardrobe Manager — Mobile Wardrobe & Outfit Planning App APK — GitHub

- Built a full-stack React Native (Expo) app with a Node/Express/MongoDB backend: wardrobe grid with search/filters/pagination, a reusable outfit builder, and a laundry tracker that auto-excludes dirty items from suggestions.
- Built a "Today" tab with weather-aware outfit suggestions (OpenWeatherMap + location) and a trip packing-list generator pulling weather-appropriate items from the user's own closet.
- Built a Stats tab using MongoDB aggregation pipelines (wear timelines, cost-per-wear, closet value) with react-native-svg charts, plus remove.bg photo cleanup and an in-app, on-device Server Settings screen.

Codebase Detective — Deterministic Codebase Analysis & Architecture Reports Live — GitHub

- Built a full-stack tool (ZIP upload or GitHub URL input) generating deterministic architecture reports via Babel AST import resolution and an interactive React Flow dependency graph.
- Implemented DFS-based circular dependency detection, a multi-signal god-object heuristic, duplicate-code/unused-file detectors, and git-history churn analysis.
- Hardened the pipeline for untrusted input: zip-slip/path-traversal guards, sandboxed shallow clones, and live progress via Server-Sent Events.

MythLok — World Folklore & Mythology Platform Live — GitHub

- Built a community storytelling platform with 500+ folklore stories across 20+ countries and an interactive country-tile world map.
- Designed a full contributor workflow (multi-step submission, draft saving, admin review) plus bookmarks, ratings, comments, and a 10-badge achievement system.
- Led a large-scale architecture migration from a state-wise to a country-wise data model across the entire application.

School ERP — Multi-Tenant School Management System Live — GitHub

- Architected a multi-tenant ERP using shared-database, tenant-scoped Mongoose models for secure per-school data isolation.
- Built academics, attendance, fees/accounting, timetable, exam, and homework modules with role-based dashboards for admins, teachers, students, and parents.
- Added real-time notifications and a notice board via Socket.io, plus a Redux-driven React frontend.

Education

Master of Computer Applications (MCA) 2022 – 2024
Dr. A.P.J. Abdul Kalam Technical University

Bachelor of Computer Applications (BCA) 2019 – 2022
Mahatma Jyotiba Phule Rohilkhand University

Languages: English, Hindi — **Availability:** Open to full-time opportunities