

# M. VINOD KUMAR

Full Stack Developer · React.js · Next.js · TypeScript · Node.js · MongoDB  
[vk5241415@gmail.com](mailto:vk5241415@gmail.com) · +91-7550239493 · Chennai, India · Open to Chennai / Bangalore / Hyderabad

## PROFESSIONAL SUMMARY

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Full Stack Developer with 2 years of experience building and shipping production systems across healthcare and SaaS. Worked across 10+ real products — from multi-tenant hospital platforms managing 100+ daily appointments across 5+ clients to a film industry SaaS built on microservices. Known for taking ownership of features from design to deployment, diagnosing problems others miss, and delivering working software on schedule. Currently building a product in the film tech space. Available immediately.

## PROFESSIONAL EXPERIENCE

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### Full Stack Developer · **Product & Client** *Remote | Nov 2025 – Present*

- ▶ Building ClapOS — a SaaS for the film industry where talent, vendors and production teams manage day to day workflows across 10+ modules including vendor management, auditions, call sheet scheduling, script management and a project media vault; designed on a microservices architecture with Apache Kafka handling event driven communication between services. Full frontend live, backend in active development.
- ▶ Delivered PlusUAE — a multilingual lead generation platform for a UAE Corporate Services client supporting 5+ languages including Arabic, French and Chinese, built with a custom internationalisation architecture, full RTL layout and Zoho CRM integration for pipeline management. Live in production and in daily use by the client.
- ▶ Built Jignu — a business directory platform giving companies a digital presence and a lead generation channel similar to JustDial; each company manages its own listings and applicants in full isolation from others, secured with tenant scoped queries and cookie based authentication.

### Full Stack Developer · **Tensys Innovations Pvt Ltd** *Hybrid | Bangalore, India | Sep 2024 – Oct 2025*

*Promoted to client payroll from Primates after consistent delivery and ownership across the same product suite.*

- ▶ Part of a 4 person frontend team building a Hospital Management SaaS for 5+ hospital clients — personally owned the appointment booking UI, role based dashboards for admins, receptionists and lab staff, and all API integrations for these modules, supporting 100+ daily appointments per client.
- ▶ Collaborated with backend on proximity based batch appointment assignment — doctors receive grouped requests from nearby patients automatically; owned the complete frontend from UI design through to API integration and delivery.
- ▶ Built dynamic time slot generation for doctor appointment cycles in collaboration with backend — slots generated automatically based on doctor schedules and existing bookings; owned the full frontend implementation end to end.
- ▶ Independently identified a site wide performance problem — implemented code splitting, lazy loading and image compression across production apps, cutting load time from around 3 seconds to under 800ms and pushing Lighthouse scores from 50 to 90+ across all deployments.
- ▶ Replaced unvalidated intake forms with Zod and React Hook Form — reduced invalid data reaching the backend by around 85%.

### MERN Stack Developer · **Primates Development Pvt Ltd** *Hybrid | Chennai, India | Nov 2023 – Aug 2024*

*Transitioned to Tensys Innovations on client payroll after consistent delivery across full stack healthcare products.*

- ▶ Part of a frontend team building 5+ healthcare websites and a central hospital onboarding platform — built features, pages, components and API integrations across appointment booking, doctor profiles, lab services, patient workflows and content management.
- ▶ Built a lead management dashboard from scratch — replaced a spreadsheet based pipeline with a searchable filterable status board; delivered QR based onboarding as per client requirement, fixed production bugs post launch and shipped patches within the same sprint.

## TECHNICAL SKILLS

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**Core Stack:** React.js, Next.js, TypeScript, JavaScript (ES6+), Node.js, Express.js, MongoDB

**State & Data:** Redux Toolkit, RTK Query, Context API, Zod, React Hook Form

**Styling & UI:** Tailwind CSS, Shadcn UI, Bootstrap 5, CSS3, Responsive Design

**Authentication & APIs:** NextAuth, JWT, REST API Design, Mongoose, Bcrypt, Cookie based Auth

**Performance:** Performance Optimization, Code Splitting, Lazy Loading, Image Compression, Lighthouse, Core Web Vitals

**Cloud & DevOps:** AWS (EC2, S3), Vercel, Netlify, Render, Cloudinary, Apache Kafka

**Tools & Process:** Git, GitHub, Postman, VS Code, Vite, ESLint, Zoho CRM, Agile/Scrum

## KEY PROJECTS

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**ClapOS\_ — Film Industry SaaS Platform** | *Next.js · TypeScript · Node.js · Express · MongoDB · Apache Kafka · Redux Toolkit · RTK Query · Cloudinary* | [Live Demo](#)

- ▶ A production SaaS platform built for independent and amateur filmmakers to manage the full lifecycle of a film project from a single place — connecting talent, vendors and production teams across 10+ operational modules.
- ▶ Designed on a microservices architecture where each module runs as an independent service; Apache Kafka manages event driven communication between services so actions in one module trigger updates across others without tight coupling.
- ▶ Modules include vendor management, auditions management, call sheet scheduling with reminders, script management, talent and crew onboarding, and a project media vault powered by Cloudinary for temporary media storage.
- ▶ Full frontend built solo with Next.js, TypeScript, Redux Toolkit for global state, RTK Query for API integration and Shadcn UI; backend services in active development. Frontend fully live and navigable.

**Clinical Management System — HealthCare Operations Platform** | *Next.js · TypeScript · Node.js · MongoDB · Zod · React Hook Form · Shadcn · AWS*

- ▶ Internal platform used by 5+ hospital clients to manage the full operational cycle — admin dashboards, appointment management, doctor and staff onboarding, content management, and a doctor earnings and transactions module.
- ▶ Built proximity based batch appointment assignment in collaboration with backend — patients are matched to the nearest available doctor and requests are sent in batches rather than one by one, reducing scheduling overhead for reception staff.
- ▶ Implemented dynamic time slot generation for doctor appointment cycles — slots are computed automatically based on each doctor's schedule and existing bookings, eliminating manual slot management entirely.
- ▶ Added robust image compression across all upload and update workflows; built doctor earnings tracking and transaction history module with full UI and API integration end to end.

**PlusUAE — Multilingual Business Landing Page** | *Next.js · TypeScript · Tailwind CSS · Shadcn · Context API · Zoho CRM* | [Live Demo](#)

- ▶ Lead generation platform for a UAE real estate client — designed to capture, qualify and route inbound leads from international visitors across multiple markets.
- ▶ Built a custom internationalisation architecture using Context API with language specific text files, supporting 5+ languages including Arabic, French and Chinese with full RTL layout switching for Arabic.
- ▶ Integrated Zoho CRM directly into the lead capture flow so every form submission creates and updates a contact in the client's sales pipeline without any manual data entry.
- ▶ Scoped, designed, built, configured CRM and deployed to production independently. Currently live and in active daily use by the client.

**PG Accommodation Platform — Rental Management Platform** | *React · TypeScript · Tailwind CSS · React PDF · REST APIs* | [Live Demo](#)

- ▶ Property management platform for landlords and tenants across multiple cities — handles property listings, tenant onboarding, booking workflows and notice period tracking from a single dashboard.
- ▶ Built PDF invoice generation for tenant rent payments using React PDF — designed the invoice layout, mapped backend JSON data to the template and enabled one click download for tenants.
- ▶ Built user profile management, responsive page layouts and optimised image rendering and page load performance across all routes for a smooth production experience.

## EDUCATION

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**Bachelor of Computer Applications** · Hindustan College of Arts and Science, Chennai · Jun 2019 – Jun 2022