

Vinod Kumar

Profile

Frontend Developer with 8+ years of experience in designing and developing intuitive, user-focused web and mobile interfaces. Expert in creating responsive, high-performance applications using React.js, Next.js, TailwindCSS, and React Native. Proven ability to optimize cross-browser compatibility and address complex UI issues effectively. Committed to delivering seamless and engaging user experiences through thoughtful design.

Employment History

Co-Founder at Pemilly, Bengaluru

06/2024–Present

Pemilly is a pet healthcare SaaS platform designed to digitize clinic workflows and provide pet parents with accessible medical services through web and mobile experiences.

- Onboarded over **40 paying veterinary clinics** within the first year, registering **5,000+ pet parents** and issuing **10,000+ digital vaccination certificates**, significantly streamlining clinic workflows and pet health management.
- Delivered a fully functional MVP in under six months and accelerated growth through rapid product iterations driven by real-time customer feedback.
- Created new revenue streams by launching a premium mobile app add-on for clinics, enabling appointment scheduling and automated reminders.
- Developed a feature-rich web dashboard (Next.js) for clinics to manage pet parent records, data migration, invoicing, prescriptions, follow-ups, and vaccination schedules with role-based access control and optimized UI workflows.
- Built an internal admin panel to track user activity, engagement metrics, and manage customer onboarding pipelines.
- Developed the clinic & staff mobile app add-on for scheduling, visit histories, prescriptions, and automated reminders—offered as a premium upsell.
- Built the pet parent app with online appointment booking, pet profile management, visit summaries, vaccination certificates, and push notifications, delivering a smooth, engaging user experience with responsive UI and animations.
- Integrated push notifications using Expo and Firebase Cloud Messaging (FCM) to support real-time updates and reminders.
- Managed CI/CD pipelines using Vercel for web deployments and Expo Application Services (EAS) for React Native, enabling fast and reliable releases across platforms.

Asmi (AI Productivity App) – Collaboration with Meta AI Researcher at Asmi

03/2025–06/2025

Contributed as a frontend engineer on a project basis to help build the app's core mobile experience

Tech Stack

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frameworks & Libraries: React, React Native (Expo & Bare), Next.js, Redux (Toolkit), Zustand, React Query

Styling: Tailwind CSS, Styled Components, NativeWind

Native & Mobile: Expo Modules, Jetpack Compose (basic), Native Module Integration

Deployment & DevOps: Vercel, Expo EAS, Firebase, GitHub Actions

APIs & Networking: REST, Axios, Fetch, WebSockets

Links

[Github](#)
[Linkedin](#)
[Website](#)
[Medium](#)

Languages

Telugu
Hindi
English

Hobbies

Reading manga, playing FIFA, and watching football (Liverpool FC supporter)

- Worked closely with a Meta AI researcher to build the complete React Native (Expo) frontend for *Asmi*, an AI-powered productivity app currently in beta and launching in the U.S.
- Developed core features such as the personalized daily planner, task manager, and memory keeper (chat interface).
- Integrated native modules to stitch and stream audio files, enabling seamless voice input processing for real-time AI interaction.
- Implemented background notifications, offline storage, and performance-critical enhancements for a smooth, responsive mobile experience.

Lead Frontend Engineer at Arzooo, Bengaluru

02/2018–07/2024

- Architected, developed, and deployed high-quality applications for both B2B and B2C platforms using React and React Native, delivering superior user experiences across web and mobile environments.
- Led the development of a comprehensive vendor dashboard enabling vendors to track orders placed by retailers with interactive charts for earnings and performance analytics.
- Implemented push notifications to keep retailers updated on order status and key information, enhancing engagement and communication.
- Extensive experience in system design and resolving complex technical challenges, with a strong track record of leading frontend architecture and making strategic decisions aligned with business and design goals.
- Collaborated with design leads to optimize website performance through lazy loading and image conversion to WebP format, resulting in faster load times and smoother user experience.
- Managed and enhanced payment gateway integrations with Paytm, Cashfree, and Razorpay, improving transaction reliability and user trust in payment processes.
- Spearheaded peer code reviews and contributed significantly to the frontend developer hiring process, setting high standards for code quality and fostering a culture of excellence.
- Mentored frontend engineers by providing ongoing guidance, support, and constructive feedback to promote skill development and professional growth.

Software Developer at Kwiqpick Services India Pvt. Ltd, Bengaluru

03/2017–02/2018

Built complete module for kitchen section where the user can order from the kwiqpick app using jquery, react and PHP

Education

IIT Roorkee, Msc. INT. Chemistry, Roorkee

04/2010–04/2015