

Vivek Sharma

Frontend / Full-Stack Engineer • Noida, India • +91 8839245575 • viveks.sharma0510@gmail.com
linkedin.com/in/viveksharma5u • github.com/Slv-WebTech • the-vivek-sharma.vercel.app

PROFESSIONAL SUMMARY

Frontend-leaning full-stack engineer with 3+ years building production React, Next.js, and Node.js apps. Owns features end-to-end — from component architecture and state design to API contracts, performance tuning, and release. Improves scalability and reliability on data-heavy interfaces, cuts render and response latency, and collaborates with design, product, and backend teams to ship maintainable releases through CI/CD and automated testing.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, SQL
- **Frontend:** React, Next.js (SSR/SSG/ISR), Redux Toolkit, React Native, Vite, React Hooks, React Query
- **UI & Styling:** Tailwind CSS, Material UI, Framer Motion, responsive design, accessibility, design systems
- **Backend & APIs:** Node.js, Express, REST APIs, WebSocket/real-time, Serverless (Vercel), OAuth 2.0, JWT, BullMQ workers
- **Databases & Caching:** PostgreSQL (Neon), MySQL, MongoDB, Firebase Firestore, Redis (Upstash)
- **Testing & Quality:** Jest, React Testing Library, unit testing, integration testing, SonarQube, code reviews
- **DevOps & Tooling:** Git, GitLab, GitHub Actions, CI/CD, Vercel, npm, Webpack, Chrome DevTools, Lighthouse
- **AI & Integrations:** OpenAI APIs, prompt engineering, third-party REST integrations, Google Apps Script
- **Concepts:** Component architecture, state management, performance optimization, scalability, reliability, code splitting, debouncing, memoization, role-based access control

PROFESSIONAL EXPERIENCE

Software Developer (Frontend / React) — LogZero Technologies Pvt. Ltd., Noida, IN **May 2024 – Present**

- Restructured a reporting dashboard around custom hooks and shared logic, removing duplicated state code and cutting report generation latency by ~30%, which shortened the team's feature delivery cycle.
- Built a multi-tenant survey platform on Next.js with SSR and dynamic routing, wired with role-based access control so different account types saw the right surveys without bespoke per-tenant code.
- Raised Lighthouse performance scores by ~20% and cut unnecessary re-renders by ~40% through code splitting, route-level lazy loading, memoization, and reshaping Redux Toolkit selectors.
- Resolved janky search and filter behavior with debounced inputs, request cancellation, and deduplication, removing redundant network calls and keeping the UI responsive on slower connections.
- Owned the data grid layer using Handsontable — added virtualized rendering, server-driven pagination, and column-level memoization so dashboards stayed smooth past 50K rows.
- Hardened authentication by integrating OAuth and JWT flows, standardizing token refresh, and fixing cross-browser issues (Safari cookies, stale session edge cases), reducing sprint bug reports by ~25%.
- Led code reviews on critical frontend modules and collaborated with backend and design on API shape and component contracts, improving consistency between mocks, services, and shipped UI.

Projects: - The Capacity – Survey Platform, OSIF – Productivity tracking Tool, Job Ticketing Application

Full-Stack Web Developer — Quizaro ExtendedEdge Pvt. Ltd., Bangalore, IN **Jul 2023 – Nov 2023**

- Shipped prototypes combining OpenAI APIs with third-party REST services to validate AI-assisted features before product committed engineering time, shortening the discovery loop.
- Refactored shared frontend layouts into a small set of composable components, cutting UI bug fix turnaround by ~33% and making design iteration noticeably faster.
- Delivered three full-stack applications on React and Node.js, owning the API contracts, data flow, and form handling end-to-end.
- Reworked a business consultancy platform — refreshed UX patterns, rebuilt LMS sections, and tightened onboarding, contributing to a measurable lift in repeat usage.
- Automated payment confirmation and ops handoffs with Google Apps Script, replacing manual spreadsheet steps and reclaiming several hours of work per week.

Projects: - Consultancy Website, LMS (Technical support and Maintenance), Business Google AppScript Automations, Company Website

Full-Stack Developer Intern (MERN) — Numeric Infosystem Pvt. Ltd., Gwalior, IN **Sept 2021 – May 2022**

- Designed a library of 15+ reusable React Native components shared across iOS and Android, speeding up new mobile feature work by ~20% and keeping styling consistent.

- Developed a pharmacy e-commerce platform on React with REST APIs, redesigning checkout to reduce drop-off and growing weekly active users by 150+.
- Released a companion Android app that broadened access for users without consistent desktop access, improving overall reach.
- Reorganized category and navigation taxonomy after reviewing usage patterns, cutting average steps-to-product and reducing navigation time for repeat customers.
- Stood up a Jest unit-testing suite covering core flows, lifting code coverage by ~25% and reducing production regressions by ~15% over two release cycles.
- Delivered MERN features end-to-end (React, Node.js, Express, MySQL) supporting 1,000+ monthly users and contributing to a ~20% lift in checkout conversion.

Project: - Bestmeds Web Application, BestMeds Android/IOS Application

SELECTED PROJECTS

- [BeyondStrings — AI-Enhanced Messaging Platform](#) — Real-time messaging product with smart message insights, full-text search, and end-to-end privacy. Architected the frontend with Redux Toolkit and encrypted persistence so chat history survives reloads without leaking sensitive content. Offloaded heavy work (insight generation, fan-out, notifications) from Vercel serverless routes to a BullMQ worker on Upstash Redis, with Neon Postgres for durable storage and Firestore for real-time presence. Encrypted message bodies client-side with CryptoJS AES and locked Firestore down with explicit security rules — a cross-device chat that stays responsive under load and is cheap to operate.
Stack: React, Vite, Tailwind CSS, Framer Motion, Redux Toolkit, encrypted redux-persist, Firebase Auth + Firestore (WebSocket transport), Vercel Serverless, Neon Postgres, Upstash Redis, BullMQ, CryptoJS AES
- [Mapup EV Dashboard](#) — Analytics dashboard rendering 50,000+ EV records with sub-100ms interaction latency. Moved CSV parsing to the client with Papa Parse, deferred heavy chart work behind skeleton screens, and memoized D3 selections so filter changes did not re-render unrelated panels.
Stack: React, D3.js, Papa Parse
- [Productivity New-Tab Chrome Extension](#) — New-tab Chrome extension consolidating weather, quotes, and a task manager. Used Next.js with Redux to keep widgets independently updatable, cached external API responses to stay within rate limits, and persisted preferences locally.
Stack: Next.js, Redux, REST APIs, Chrome Extensions
- [Business Consultancy Platform \(Contract\)](#) — Content-driven consultancy site with reusable React components and a Tailwind design system; wired GitHub Actions for CI/CD so the client could ship content updates without engineering involvement.
Stack: React, Tailwind CSS, GitHub Actions
- [Medi-Gwalior — State Hackathon](#) — Healthcare locator that ranked nearby clinics and pharmacies by real-world distance using the Haversine formula over a MySQL dataset, exposed through a small PHP REST layer.
Stack: PHP, MySQL, REST APIs, Haversine geospatial logic
- [Portfolio - Vivek Sharma](#) — Personal portfolio site covering experience, projects, skills, certifications, and writing. Ships a working contact form with email and Telegram notifications backed by server-side reCAPTCHA verification, a dedicated case-study page per project, and a live GitHub Activity page pulling contribution streaks, a cross-profile language radar, and top repos straight from the GitHub REST API.
Stack: Next.js 16 (App Router, Server Components, ISR), React 19, Tailwind CSS 4, Framer Motion, Recharts, Lottie, Nodemailer, Docker

EDUCATION

PK University, Shivpuri, Madhya Pradesh

2025 – Expected 2027

Master of Technology (M.Tech), Computer Science Engineering

Relevant coursework: Data Structures, Algorithms, Web Development

Institute of Technology and Management, Madhya Pradesh

2019 – 2023

Bachelor of Technology (B.Tech), Information Technology