Ranjan Prasad

Frontend Engineer| Next.js | React | JavaScript | TypeScript
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LinkedIn | GitHub | Portfolio | Product: BundleScope

Professional Summary:

Frontend Engineer with 3.5+ years of experience building and maintaining production web applications using React.js, Next.js, TypeScript, and JavaScript. Experienced in component-based architecture, REST API integration, responsive interfaces, performance optimization, production debugging, and deployment. Hands-on with Next.js Route Handlers, cloud deployments, and CI/CD workflows, with foundational knowledge of frontend system design, LLD principles, HLD concepts, and backend architecture fundamentals.

Technical Skills:

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frontend:** React.js, Next.js, Responsive UI Development, Component-Based Architecture, React Hooks, Custom Hooks, Routing
- **Frontend System Design:** Component composition, reusable design systems, state and data flow, rendering strategies (SSR/CSR), API-driven UI states, performance and maintainability
- **LLD & HLD Fundamentals:** Separation of concerns, reusable modules, basic SOLID principles, client-server architecture, application boundaries, scalability and trade-offs
- **Backend & APIs:** REST APIs, JSON, Fetch/Axios, Next.js Route Handlers, server-side API handling, third-party API integration
- **Performance & UI:** Tailwind CSS, Bootstrap, Accessibility, Core Web Vitals, Lighthouse, code splitting, lazy loading
- **Cloud & Tools:** AWS, Vercel, CI/CD, Git, GitHub, Vite, npm, ESLint

WORK EXPERIENCE:

Website Developer (FrontEnd Engineering) | AGI Ventures (Kubix) | Bangalore, KA, Feb 2026 - Present

- Built and shipped 2ndGuardian from initial implementation through production across its marketing website and multi-role career-discovery web app using Next.js, React, TypeScript, and Tailwind CSS.
- Implemented responsive marketing flows and server-validated forms for school enquiries, school onboarding, parent registration, and waitlist sign-ups; connected Next.js Route Handlers to Google Apps Script/Sheets and email workflows while keeping credentials server-side.
- Developed student career-discovery experiences and admin workflows for user and role management, career taxonomy, grade-specific content, and publishing states, supporting distinct portal experiences within one web application.
- Implemented typed frontend-to-backend data flows through a shared TypeScript API client, Next.js Server Components and Server Actions, and NestJS APIs; kept data mutations behind server-side calls and refreshed affected views after updates.
- Worked across clear system boundaries between the Next.js frontend, NestJS API, and Supabase Postgres/Auth, using passwordless OTP sign-in, backend-enforced role checks, and database Row Level Security as defense in depth.
- Contributed to the KubixKids website and portal experiences, as well as the TIER website, building and refining responsive frontend pages and reusable UI components for distinct product journeys.

SELECTED PROJECT:

Bundlescope - The intelligence platform for npm packages. | www.bundlescope.com | Next.js, NPM Registry API.

- Built BundleScope, a Next.js 16, React 19, and TypeScript platform that helps developers evaluate npm package health, bundle efficiency, and performance using live ecosystem data.
- Engineered an in-house bundle-analysis pipeline that downloads npm tarballs in memory, resolves package entry points, bundles with esbuild, and computes minified, gzip, and Brotli sizes without relying on a third-party bundle-size service.

- Designed a transparent 0-100 Package Health Score across nine signals, including downloads, maintenance, release consistency, licensing, TypeScript support, bundle size, metadata quality, repository signals, and known security advisories; unknown signals are excluded rather than treated as failures.
- Built a Performance Insights dashboard covering compression savings, bundle-efficiency scoring, tree-shaking readiness, package file structure, entry-point analysis, estimated download times across five network profiles, and rule-based developer recommendations.
- Integrated npm Registry, downloads, security-advisory, and optional GitHub signals; implemented Next.js Route Handlers for server-side analysis and advisory proxying, per-version result caching, and graceful fallbacks when package analysis is unavailable.

OTHER WORK EXPERIENCE:

Website Developer (FrontEnd) | FirstLaunch media Pvt Ltd. | Bangalore, KA | Nov 2024 - Nov 2025

- Developed and launched 10+ production websites and portals across education, NGO, legal, healthcare, digital marketing, and other business domains, translating client requirements into responsive, production-ready web experiences.
- Collaborated directly with clients and stakeholders to gather requirements, define website functionality, recommend UI improvements, and deliver solutions aligned with business goals.
- Revamped existing brand websites by improving page layouts, responsive behavior, navigation, and reusable UI components to enhance usability and visual consistency.
- Improved Google PageSpeed scores to 95+ on optimized websites through image optimization, asset minification, caching, and frontend performance improvements.
- Built reusable frontend components, custom content modules, and responsive page templates using JavaScript, HTML5, CSS3, PHP, and WordPress.
- Implemented lead-generation forms and integrated REST APIs and third-party services to capture user enquiries and support data-driven website functionality.
- Applied on-page technical improvements and performance best practices to support website SEO and search visibility.
- Maintained live websites by troubleshooting production issues, applying security updates, and delivering ongoing enhancements within project deadlines.

Web Developer | Marconix Sales Solution Pvt Ltd. | Bangalore, KA | Jun 2024 - Nov 2024

- Developed responsive frontend experiences using React.js, JavaScript, HTML5, CSS3, and WordPress for multiple client brands.
- Built frontend modules for a House Party booking platform and Recruitment Management System, integrating backend APIs and implementing data-driven UI flows.
- Improved page-load performance, mobile responsiveness, and usability across delivered applications.

Web Developer | The Teachief Academy | Kolkata, WB | Feb 2023 - Feb 2024

- Built and launched production websites with responsive frontend layouts, search/filter interfaces, dynamic listing pages, and reusable detail-page templates.
- Developed data-driven UI components for property listings, business directories, travel, and education platforms.
- Managed the complete development lifecycle including implementation, testing, deployment, and production revisions.

Full Stack Developer Intern | ColorBracket Technologies | West Bengal | Sept 2022 - Jan 2023

- Built UI modules for a food delivery platform, including menu browsing and cart interfaces.
- Developed frontend features using Angular and integrated REST APIs into application components.

EDUCATION: BCA (Hons) |CGPA - 9.23 |Raniganj IIT | 2019 - 2022 | West Bengal.