PRANTO SHIKDER

Senior Frontend Engineer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 4+ years of experience specializing in React, Next.js (App Router, Server Components), and TypeScript. Proven track record of architecting high-performance enterprise web applications, reducing page load times by 81% (6.2s to 1.1s), and boosting Lighthouse performance scores from 62 to 98. Adept at designing scalable multi-tenant SaaS dashboards, real-time WebSocket communication layers, and enterprise design systems.

TECHNICAL SKILLS

Languages & Frameworks:	JavaScript (ES6+), TypeScript, React.js, Next.js (App Router/Server Components), Angular
Styling & UI Libraries:	Tailwind CSS, Ant Design, Material UI, SCSS/SASS, Styled Components, Bootstrap
State & API Integration:	Redux, RTK Query, REST APIs, GraphQL, Socket.io, React Server Actions
Tools & Testing:	Git, GitHub, VS Code, Figma, Chrome DevTools, Jest, Cypress, React Testing Library, Docker

PROFESSIONAL EXPERIENCE

Software Engineer (Next.js) Jun 2022 – Present
SOFTIC OPC

- Spearheaded the complete migration of a legacy React application to Next.js 15 (App Router & Server Components), reducing initial page load time from 6.2s to 1.1s (81% performance improvement) and boosting Lighthouse score from 62 to 98.
- Architected and implemented a high-performance multi-tenant SaaS dashboard featuring granular role-based permissions and dynamic workflows.
- Optimized application state and server caching using React Server Components and Server Actions, eliminating redundant API requests by 70%.
- Engineered an automated image optimization pipeline using Next Image, Cloudinary, and WebP/AVIF formats, saving 73% overall image bandwidth.

Tech Stack: React.js, Next.js, TypeScript, GraphQL, Socket.io, Redux, RTK Query, Ant Design, Tailwind CSS, SASS, Chart.js, Angular.

React JS Developer Jul 2021 – May 2022
Bdtask Limited

- Developed responsive enterprise web components and integrated complex backend REST APIs, reducing page rendering bugs.
- Implemented lazy loading, code splitting, and infinite scroll pagination to handle massive datasets with high performance.
- Ensured cross-browser compatibility and UI consistency across modern web applications.

Tech Stack: React.js, TypeScript, Redux, Material UI, Ant Design, REST API, Chart.js, JWT, Electron.js.

Front End Developer (React JS) Dec 2020 – Jul 2021
Pioneer Alpha

- Converted Figma UI/UX designs into responsive Single Page Applications (SPAs) for enterprise platforms like @AmariSchool.
- Collaborated in an Agile team to write modular, maintainable React components integrated with Redux state management.

Tech Stack: React.js, JavaScript (ES6+), Redux, Docker, React Bootstrap, Git.

KEY PROJECTS

Customer Support Chat Application Next.js 15, Socket.io, RTK Query

- Engineered a real-time customer support messaging platform delivering sub-100ms message delivery latency with automated heartbeat reconnection logic.
- Integrated RTK Query with WebSocket listeners for instant optimistic UI updates, active presence detection (online/offline), typing indicators, read receipts, and reduced API calls by 70%.
- Implemented cursor-based chat history pagination and achieved 100% TypeScript coverage with strict schema validation.

KormoPay — Enterprise HR & Payroll ERP System kormopay.vercel.app

- Architected a multi-tenant enterprise HRMS platform handling employee management, dynamic shift scheduling, and role-based access control (RBAC).
- Built a deterministic payroll calculation engine supporting tax slab automation, multi-currency processing, and automated paystub generation for 2,400+ employees.

Tech Stack: Next.js, TypeScript, Redux Toolkit, Tailwind CSS, REST APIs, Chart.js.

PlateCraft — Fine-Dining & Restaurant Management Platform platecraft-ps.vercel.app

- Developed a modern online ordering and table reservation web app featuring responsive visual menus, filtering, and instant cart synchronization.
- Optimized Core Web Vitals using Next Image optimization pipelines, responsive layouts, and modern CSS tokens.

Tech Stack: React.js, Next.js, Tailwind CSS, TypeScript, Framer Motion.

TravelPerk — Travel & Tour Booking Platform travel-and-tour-booking.vercel.app

- Built a full-featured travel reservation engine allowing users to browse, filter, and book customized holiday packages and flight tickets.
- Designed multi-criteria search and filter workflows enabling seamless destination discovery with optimized UI state management.

Tech Stack: React.js, Redux, SCSS, REST API, React Router.

DentalCare BD — Digital Healthcare & Clinic Portal dentalcarebd.vercel.app

- Engineered a patient portal for online doctor appointments, clinic service overviews, and membership tier management.
- Integrated real-time emergency dispatch routing workflows to streamline urgent dental care requests.

Tech Stack: React.js, Bootstrap, JavaScript, REST API.

EDUCATIONAL BACKGROUND

B.Sc. in Computer Science & Engineering (CSE) 2017 – 2021
University of Development Alternative (UODA)