

PREM JETHWA



SENIOR FRONTEND ENGINEER | REACT, REACT NATIVE & TYPESCRIPT

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SUMMARY

Senior frontend engineer with 7+ years building production web and mobile applications. Currently lead project development at Brightstar Lottery. Deep expertise in React, React Native, TypeScript, reusable UI architecture, state management, performance, and internationalization. Hands-on with Node.js backends, APIs, databases, queues, and WebSockets, plus human-reviewed LLM systems.

CORE SKILLS

Frontend	HTML5, CSS3, TypeScript, JavaScript (ES2022), React, React Native, Next.js, Redux / Saga, Tailwind CSS, Material UI
Frontend Engineering	Reusable UI architecture, responsive design, accessibility, i18n / localization, performance optimization, micro-frontends, Webpack, Vite, Playwright
Backend & Data	Node.js, Express.js, REST, GraphQL, BullMQ, Redis, WebSockets, JWT / OAuth, MongoDB Atlas
AI & Delivery	LLM integration (Claude, GPT, Gemini), agent orchestration, human-in-the-loop workflows, Docker, Railway, Cloudflare R2, CI/CD, Linux, Git

EXPERIENCE

Brightstar Lottery | Software Engineer II (formerly IGT)

Remote | May 2023 - Present

- Lead project development for React Native features from requirements through implementation and production release, including PromoCode journeys built with Redux and Saga.
- Internationalized the React Native application with runtime locale switching, external translation catalogs, pluralization and fallbacks, plus locale-safe date, number, and currency formatting.
- Built an internal Jira-integrated, human-in-the-loop bug-fixing agent that retrieves assigned tickets, proposes code changes, pauses for review at each stage, and opens pull requests against upstream and base repositories.

Intertrust Group (Fintech) | Sr. Front-End Engineer | Neointeraction Design

Remote | Aug 2022 - Apr 2023

- Developed a reusable React / TypeScript component that reduced implementation code by 20% and related bug incidence by 40%.
- Built a shared TypeScript validation hook that cut repeated micro-frontend code by 40% across a stack spanning REST, GraphQL, Node.js, Webpack, and Redux.

Viamagus Technology | Front-End Engineer

Remote | Sep 2020 - Jul 2022

- Reduced response time for 20,000+ item lists from approximately 3 seconds to 1 second, a 67% latency improvement.
- Built a TypeScript class-generation algorithm that eliminated approximately 95% of repeated code in Tailwind-heavy files.

Self-Employed (PJ Web Co) | Freelance Full-Stack Developer

Remote | Jun 2019 - Sep 2020

- Delivered and optimized seven responsive client websites, reducing hosting and email costs by 60% and increasing bookings by 40%.

SELECTED PROJECTS

ReelChain - Built a guided React / TypeScript workflow for research, briefs, scripts, storyboards, reel assembly, and browser-based export. (React / TypeScript / Zustand / Node.js / Playwright / ffmpeg)

AgentDukaan - Built a marketplace frontend and API for agent discovery, creator listings, subscriptions, and hosted-agent access. agentdukaan.in (Next.js / Node.js)

Ashmero Orchestrator - Designed a durable phase-based coordination layer around Claude CLI with FIFO queues, auto-scaling workers, recovery, request-scoped logging, and operator checkpoints. (Node.js / TypeScript / SQLite)

BillFlow - Built the billing interface and backend workflows for GST invoices, customer ledgers, payments, GSTR-1 JSON export, Razorpay, and Form 26Q / NSDL FVU generation. (React / Node.js / TypeScript)

EDUCATION

Bachelor of Computer Applications (BCA) | Yashwantrao Chavan Maharashtra Open University