

Bhargav Gandhi

LEAD FRONTEND ENGINEER Frontend Architecture · Streaming Systems · Node.js

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SUMMARY

Lead Frontend Engineer with 10+ years architecting design systems, micro-frontend platforms, and streaming interfaces at JPMorganChase and Warner Bros. Discovery, scaling reusable systems across 20M+ users. Builds full request-to-render experiences — from a Node.js authentication layer and REST/GraphQL APIs to client-side LLM streaming (EventSource, incremental rendering) — with primary depth in React and TypeScript. Uses AI coding tools (Cursor, Claude Code, Copilot) daily to prototype and ship, and mentors engineering teams through design-system and platform investment.

SKILLS

Core Web	React, TypeScript, JavaScript, Next.js, HTML/CSS/Sass
Backend & Systems	Node.js (REST APIs, auth/session layers), GraphQL/Apollo, AWS (S3, deployment), Docker
Streaming	Server-Sent Events (SSE), EventSource, WebSockets, LLM API integration
Frontend Platform	Micro-frontend architecture (NX.js), Vite, design systems, component libraries, Storybook, MUI
State Management	Zustand, Redux, React Query
AI-Assisted Dev	Cursor, Claude Code, GitHub Copilot
Quality	Web accessibility (WCAG 2.1), performance optimization

EXPERIENCE

JPMorganChase **Lead Frontend Engineer**

Aug 2022 – Present · New York, NY

- Own micro-frontend architecture across enterprise financial applications (React, TypeScript, NX.js, Vite, GraphQL/Apollo), enabling independent team deployments and cutting release cycles ~40%.
- Shipped the client-side streaming layer for LLM-powered features for internal analysts and PMs — EventSource integration, reconnection, and incremental rendering under partial responses.
- Built and maintain a reusable component library adopted across 3+ product squads, reducing duplicate UI code ~35%.
- Integrate AI coding agents (Cursor, Claude Code, Copilot) into daily development workflow for prototyping, scaffolding, and refactoring, validating every output through tests and edge-case review before merge.
- Apply practical judgment on where AI generation is strong vs. where it falls short (stateful logic, security-sensitive code), shaping code review and architectural decisions.
- Drove WCAG 2.1 accessibility compliance across all frontend surfaces; mentor 4 junior and mid-level engineers through weekly 1:1s and code reviews.

Warner Bros. Discovery **Senior Frontend Engineer**

Nov 2019 – Jul 2022 · New York, NY

- Architected the Cosmos design system component library adopted across web and connected TV platforms, reducing per-feature UI dev time ~30%.
- Owned core UI and video player integrations for the Discovery+ launch, scaling the platform from zero to 20M+ subscribers across web and OTT/CTV devices.
- Led performance optimization efforts, improving average app load time 30% and reducing time-to-interactive on low-bandwidth OTT devices.
- Delivered pixel-perfect, responsive interfaces from Figma specs, improving retention metrics across key subscriber cohorts.
- Mentored junior engineers through code review and pair programming, raising team velocity and code quality standards.

Virtu Financial (ITG) **Frontend Engineer**

Apr 2018 – Nov 2019 · New York, NY

- Designed and implemented a secure Node.js authentication layer for micro-frontend architecture — cookie-based sessions (httpOnly/Secure), shell-level token refresh, and an entitlements API — meeting compliance requirements in a regulated financial environment.
- Built a real-time trading analytics web app (React, Redux, GraphQL/Apollo, WebSockets) delivering sub-second UI refresh for portfolio managers analyzing large datasets.
- Architected a shared design system (Storybook + MUI + AMCharts) used across 3 internal products, cutting new-engineer onboarding time ~50%.
- Optimized bundle performance via Webpack module analysis, reducing initial load size ~25%.

Real Estate Arts Inc. **Frontend Developer**

May 2016 – Apr 2018 · New York, NY

- Delivered 15+ high-end interactive real estate microsites (React, WordPress, HTML5, CSS3/Sass, JavaScript) supporting 25K+ monthly visitors.
- Built custom geolocation-based interactive maps (SVG, Google Maps API, Leaflet, Mapbox), increasing user session duration ~20%.

Publicis Beehive **Web Developer / Digital Brand Manager**

Dec 2011 – Mar 2016 · Mumbai, India

- Promoted to Digital Brand Manager, overseeing web and SEO delivery for a portfolio of brand clients; built custom CMS platforms (HTML5, CSS3, JavaScript, WordPress, PHP, MySQL).

EDUCATION

M.S., Information Technology & Computer Application — Saurashtra University, India

B.S., Computer Application — Veer Narmad South Gujarat University, India

ADDITIONAL

- Built and shipped a web and mobile application (React & React Native, iOS/Android) for a non-profit, improving accessibility for 1,000+ users with no prior mobile development budget.