

# Jatin Assudaney

Frontend / Full-Stack Developer

[jatin.assudaney24@gmail.com](mailto:jatin.assudaney24@gmail.com) | 9810038876 | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

## Summary

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Frontend Engineer with **5+ years** shipping production web apps in ReactJS, NextJS, and Vue across fintech, logistics, and media-tech. Specialized in **image-heavy and media-rich frontend performance** — virtualization, progressive loading, and upload pipelines at 2k+ asset scale. Currently leading frontend for Aftershoot's client gallery product; previously built design systems, Shadow-DOM component platforms, and microfrontend architectures at Zeta and Delhivery. Backed by working backend fluency (NodeJS, GraphQL, schema design) for full-stack ownership.

## Technical Skills

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- **Languages:** TypeScript, JavaScript (ES6+), HTML5, CSS3
- **Frontend:** ReactJS, NextJS, Redux, React Query, Vue, TailwindCSS, Design Systems, Micro Frontends, Shadow DOM, Web Workers, SSR, Web Performance & Profiling
- **Backend:** NodeJS, ExpressJS, GraphQL, NestJS
- **Databases:** PostgreSQL, MongoDB, DynamoDB
- **Build & Tooling:** Webpack, Vite, Rollup, npm, Git, Jenkins, CI/CD, Chrome DevTools, Lighthouse, Sentry
- **AI-Driven Development:** Cursor, GitHub Copilot, Claude Code

## Experience

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### Aftershoot

New Delhi, India

#### SSE 1, Frontend

Feb 2026 – Present

*Tech Stack:* ReactJS, Vite, TailwindCSS, React Query, TypeScript

- **Leading frontend for the Gallery product** at Aftershoot — the client gallery platform photographers use to deliver shoots of **2,000+ images** to clients through branded web galleries. Drive scoping, architecture, and implementation of new features end-to-end while remaining the primary IC on the team.
- **Re-architected the image upload pipeline** to lift throughput by **28%** — introducing parallel chunked uploads, a tuned concurrency pool, and backpressure-aware queueing so photographers can push multi-thousand-image shoots without stalling the browser or overwhelming the API.
- **Designed a fault-tolerant retry system** for uploads running on photographers' often-spotty venue wifi — up to 3 automatic retries with exponential backoff on transient failures, plus a manual retry UI for edge cases. Ensures gallery deliveries survive flaky networks without forcing the photographer to re-upload from scratch.
- **Shipped "Infinite Gallery,"** a unified view that streams thousands of images across multiple folders into one continuous scroll surface. Combined windowed virtualization with progressive image loading (LQIP placeholders + responsive srcset) to keep DOM size bounded and scroll responsive on galleries with **2,000+ images** — regardless of how deep the user scrolls.
- **Delivered pixel-perfect, responsive gallery layouts** aligned with the product's design system — layering progressive JPEG decoding, viewport-based image prefetching, and responsive SRCSET delivery so clients view full-resolution photos on desktop and bandwidth-right versions on mobile without layout shift.

### Zeta

Bangalore, Karnataka

#### SDE 2

Dec 2024 – Feb 2026

*Tech Stack:* ReactJS, Vue, Webpack, NestJS, Node.js, PostgreSQL, TypeScript, JavaScript, Jenkins, Kubernetes

- Architected a **Shadow-DOM business-component platform** with runtime federation and SSR host hooks — components are self-bundled and version-isolated, so a single build drops cleanly into any Vue 2 or Vue 3 host app with **zero CSS bleed, zero framework-version conflicts, and no bundler changes on the host side.**

- Built the **Tenant Assets** feature to deliver per-tenant assets in SSR apps — designing isolated S3 bucket workflows, metadata-indexed lookups, and a caching/refresh layer so each tenant's branding and configuration are served fast without risk of cross-tenant leakage.
- **Streamlined frontend delivery across the platform** by shipping scaffold generators and Jenkins/YAML CI/CD templates — then built the **Hercules Registry & Admin Dashboards** on top, giving every team a live view of app dependencies, bundle sizes, and deployment configs. Turned what was tribal knowledge into a discoverable system.

## Delhivery

Gurgaon, Haryana

### Software Developer

June 2021 – Dec 2024

*Tech Stack: ReactJS, NextJS, React Native, GraphQL, NodeJS, JavaScript, HTML/CSS, WebSockets, SSE, npm*

- Created **Orca-UI**, the React component library powering Delhivery's internal products in lockstep with the Aquarius Design System, plus **@orca-ui/icons** — a unified SVG library with an automated validate → SVGO → SVGR → publish pipeline, per-icon tree-shaking, and currentColor theming. Killed icon duplication across teams and standardized the component surface every product team built on.
- **Built "Routing,"** Delhivery's logistics-planning tool that lets operations admins generate draft route plans against live constraints — orders, stops, truck capacity, delivery volume — through a dual interactive map and list view that stay synchronized as plans are edited.
- **Built the "Workflow" product** — admin-defined, schema-validated delivery workflows for field executives — and extended the **Dispatch mobile app** as its execution layer, translating each configured step into a dedicated screen with real-time task tracking. Replaced ad-hoc, per-process scripts with a single configurable workflow engine used across last-mile delivery.
- Conducted **50+ structured technical interviews** and mentored new frontend hires through onboarding — contributed directly to hiring calibration and helped ramp up junior engineers on Delhivery's frontend stack.

## Infosys Technologies

Remote

### Systems Engineer Trainee

Nov 2020 – June 2021

- Enhanced a **space-management platform for a Fortune 500 client**, tuning Java + SQL database queries and backend workflows to improve query throughput and reduce response times on high-volume operations.
- Partnered with **US-based engineering teams across time zones**, coordinating feature integrations through structured handoffs and asynchronous reviews to keep a distributed delivery cadence on track.

## Education

Jaypee Institute of Information Technology, Noida — B.Tech, IT (GPA 7.6)

Aug 2016 – May 2020

## Achievements

- **Shining Star Award (Zeta):** recognized in the first quarter of joining for rapid onboarding and early contributions that ensured delivery timelines.
- **Hardware Hackathon (IIIT-Delhi):** secured 3rd place among 20 teams for a Smart Vehicles prototype.
- **Community Contribution:** volunteered 40+ hours with Nomadic Haat, CP under Chinv India, supporting grassroots initiatives.