

# Mohit Thakur

## Senior Frontend Engineer

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Senior Frontend Engineer with 6.5+ years of experience building scalable, production-grade web applications using React, TypeScript, and modern JavaScript. Currently building an algorithmic trading platform, with a broader background designing and scaling frontend architectures across fintech, healthcare, logistics, and consumer domains. Proven track record of owning frontend end-to-end as a solo contributor, working directly with clients, and shipping robust, maintainable UI at scale.

### CORE SKILLS

<b>React</b>	React 16–18, Redux (Thunk, RTK), React Router, React Query, Hooks, Context API
<b>Languages</b>	TypeScript, JavaScript (ES2020+), HTML5, CSS3
<b>Styling</b>	Tailwind CSS, SCSS/SASS, CSS Animations, Responsive & Mobile-first Design
<b>Build Tools</b>	Webpack, Vite, PWA, Web Workers, Code Splitting
<b>Backend/APIs</b>	Node.js, Express.js, REST APIs, WebSockets / Socket.IO, Broker APIs
<b>Also familiar</b>	Vue.js, Vuex, Pinia, Nuxt, Three.js, GSAP
<b>Tooling</b>	Git, Figma, AWS (deployment), Jira

### WORK EXPERIENCE

#### Frontend Engineer | *Quantinsti*

Remote — Mumbai, India

Nov 2023 – Present

Sole frontend developer on Blueshift, an algorithmic trading platform used by one of India's largest brokers. Owned the entire frontend independently — from client requirement gathering through to production delivery.

- ▶ Maintained and shipped new features on Blueshift, an algorithmic trading platform handling real-time market data for live positions and trades
- ▶ Integrated broker REST APIs and WebSocket connections for live price feeds, position tracking, and trade execution updates
- ▶ Built a reusable component library (order entry forms, position managers, LTP tickers, symbol search) shared across multiple platforms
- ▶ Led a complete UI/UX revamp for a white-label version of Blueshift including dark/light theming and full mobile responsiveness
- ▶ Implemented PWA support and Web Workers for performance-critical background processing

Tech: TypeScript, Vue, Vue Router, Pinia, Socket.IO, Tailwind CSS, PWA, Web Workers, Node.js, Express.js

#### Experience Engineer L2 | *Publicis Sapient*

Hyderabad, India

Apr 2022 – Oct 2023

Part of the frontend team for a full rewrite of nescafe.com with new designs and architecture, including internationalisation support across multiple markets.

- ▶ Developed a wide range of responsive, cross-browser components: buttons, carousels, product cards, filters, and more, used across dozens of markets
- ▶ Built immersive animations and micro-interactions using CSS animations and GSAP for brand storytelling sequences
- ▶ Implemented a 3D interactive globe in Three.js for a flagship campaign feature
- ▶ Added RTL (right-to-left) language support across the majority of components for Middle East locales
- ▶ Configured Webpack for code splitting, tree shaking, and automatic LTR/RTL server setup

Tech: JavaScript, SCSS, jQuery, GSAP, Three.js, Webpack, Foundation UI

## Frontend Engineer | *Cloudfinch*

Remote — Mumbai, India

Dec 2020 – Mar 2022

Sole frontend developer across three concurrent SaaS products and client projects spanning logistics, HSSE (Health, Safety, Security & Environment), and energy sectors.

- ▶ Built the complete React UI of Cargogen (logistics SaaS) from scratch, including theme system, component library, and API integration layer
- ▶ Developed Sentree AI (HSSE SaaS) UI end-to-end — configured design system, developed all modules, and handled full API integration
- ▶ Maintained and extended features on BPCL HSSE App, a mission-critical application for India's national energy company
- ▶ Created reusable utility libraries that standardised API integration patterns across all three products, reducing integration time significantly
- ▶ Set up and automated CI/CD deployment pipelines on AWS

*Tech: React, Redux, React Router, Tailwind CSS, SCSS, Figma, AWS*

## Frontend Engineer | *Aventior*

Remote — Pune, India

May 2020 – Nov 2020

Part of the React frontend team on a Clinical Trials and Research platform for a US-based healthcare client.

- ▶ Developed a new flagship module from the ground up, including all UI components and business logic
- ▶ Led API integration for the module across multiple phases, with primary ownership in Phase 1
- ▶ Built responsive, accessible components following healthcare UX standards

*Tech: React, Redux, React Router, React-Bootstrap, SCSS, Git*

## Frontend Engineer | *Bon*

Pune, India

Apr 2019 – Nov 2019

- ▶ Built interactive, spreadsheet-style data tables with colour-coded cells driven by business rules — used across multiple internal teams for daily operations
- ▶ Developed a click-to-call feature: clicking a cell opens a contact drawer and initiates a phone call to the respective lead
- ▶ Implemented inline ID verification — clicking an ID number displays the corresponding document image inline without a page reload

*Tech: React, Redux, React Router, Material UI*

## EDUCATION

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**B.Tech, Automotive Engineering** • Manipal University Jaipur • 2017