

Marcus Okonkwo Senior Front-End Developer

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PROFILE SUMMARY

- Senior Front-End Developer with 7 years building payments and marketplace apps at Stripe and Airbnb, specializing in billing dashboards, large data tables, and React performance on screens used by millions of businesses.
- Works across languages (TypeScript), frameworks (React, Next.js), server state (TanStack Query), design systems (Storybook), testing (Jest, Playwright), builds (Webpack, Vite), and real-user monitoring (Datadog RUM, Sentry).
- Deep in INP and render profiling, server-state caching, and typed API contracts, using React Profiler traces and RUM data to pick fixes that improve p75 numbers for real merchants, not lab scores.
- Partners with Billing designers, product managers, and API engineers, writes the front-end design doc for each quarter's largest feature, and joins the Dashboard on-call rotation for UI incidents.
- Mentors 4 mid-level engineers through code review and 1:1s, leads front-end interview calibration for the Dashboard org, and wrote the TanStack Query conventions the Billing teams follow.

TECHNICAL SKILLS

Languages & Markup:	TypeScript (strict), JavaScript, HTML5, CSS3, JSX
Frameworks & Meta-Frameworks:	React 19, Next.js (App Router), React Server Components, React Router
State & Data Fetching:	TanStack Query, Redux Toolkit, Zustand, Apollo Client, GraphQL, REST, OpenAPI
Styling & Design Systems:	Storybook, design tokens, CSS Modules, styled-components, Figma
Testing & QA:	Jest, React Testing Library, Playwright, Cypress, Mock Service Worker
Performance & Accessibility:	Core Web Vitals (INP, LCP, CLS), React Profiler, Chrome DevTools, TanStack Virtual, WCAG 2.2 AA, axe-core
Build, CI & Monitoring:	Webpack, Vite, GitHub Actions, ESLint, Datadog RUM, Sentry, LaunchDarkly

EDUCATION

University of California, Berkeley	B.A. in Computer Science	Berkeley, CA · Aug 2015 to May 2019
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WORK EXPERIENCE

Stripe	Senior Front-End Engineer	San Francisco, CA · Apr 2022 to Present
• Rebuilt the Dashboard subscription editor as composable React and TypeScript components with typed props for every pricing model, now reused on 11 Billing screens in place of forked copies. • Moved server data on the invoice pages from a hand-rolled Redux cache to TanStack Query with shared query keys and targeted invalidation, cutting stale-balance tickets from support by 71%. • Built typed clients from Stripe's OpenAPI spec for the invoice editor, with optimistic updates, idempotency keys, and retries with backoff, cutting failed saves on weak connections from 2.6% to 0.3%. • Brought p75 INP on the invoices table from 410ms to 160ms with TanStack Virtual row virtualization, memoized cells, and filtering moved to a Web Worker, measured in Datadog RUM. • Reviewed every Figma spec with the Billing designers before coding started, then added the shared pieces to the Dashboard design system in Storybook, now used by 9 product teams.		
Airbnb	Front-End Engineer	San Francisco, CA · Jul 2019 to Mar 2022
• Fixed keyboard traps, focus order, and screen reader labels across the listing editor to meet WCAG 2.1 AA, checked with axe-core and VoiceOver, closing 63 audit issues before launch. • Rewrote the Hosting team's component tests from Enzyme to React Testing Library and added Cypress runs for listing creation, cutting production bugs in that area by 44% in a year. • Set bundle-size budgets in Webpack that blocked oversized pull requests in CI, then code-split the listing editor by route, which cut its JavaScript payload by 31%.		