

JULIAN MERCER

REACT DEVELOPER

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PROFESSIONAL SUMMARY

React Developer with 8+ years of experience building complex, accessible web applications at Meta, Shopify, and Airbnb. Designs scalable component architecture, predictable state, and fast user experiences that improve conversion and engineering velocity.

CORE SKILLS

React | TypeScript | JavaScript | React Query | Redux Toolkit | Next.js | GraphQL | HTML | CSS | Accessibility | Core Web Vitals | Jest | Playwright | Storybook | Webpack

PROFESSIONAL EXPERIENCE

Senior React Developer Meta, Menlo Park, CA

Jul 2022 - Present

- Architected a React and TypeScript campaign workspace used by 2.8M advertisers, reducing median interaction latency 36% under sustained production load.
- Migrated server-state handling to React Query with normalized cache keys, cutting duplicate API traffic 41% across 27 workflows and stabilizing later releases.
- Built 54 WCAG 2.2 AA components with Storybook documentation, shortening feature assembly 29% across six teams.
- Introduced route-level code splitting and streaming SSR, improving LCP from 3.0s to 1.6s and increasing task completion 7% across subsequent production releases.
- Raised Jest and Playwright coverage from 64% to 89%, reducing escaped UI defects 33% over four releases.
- Established visual-regression and accessibility gates in CI, preventing 46 customer-facing defects from reaching production in one year.

React Developer Shopify, Ottawa, Canada

May 2019 - Jun 2022

- Rebuilt merchant inventory workflows with React hooks and GraphQL, improving bulk-edit completion 18% across 62,000 stores without customer-facing service disruption.
- Created typed form and validation primitives that eliminated 46 repeated implementations and cut form-related defects 27% for the primary on-call rotation.
- Optimized list virtualization for catalogs exceeding 100,000 items, reducing browser memory use 48%.
- Partnered with Design to establish responsive and accessibility acceptance criteria for 19 checkout extensions.

Frontend Engineer II Airbnb, San Francisco, CA

Jan 2018 - Apr 2019

- Built React booking interfaces for 11 locales, increasing mobile reservation completion 10%.
- Converted 31 class components to hooks with regression tests, reducing related maintenance issues 24%.

Frontend Engineer Airbnb, San Francisco, CA

Aug 2016 - Dec 2017

- Implemented analytics schemas for search and checkout, raising trusted funnel-event coverage from 72% to 96%.
- Added visual regression tests across 130 responsive states, catching 35 layout failures before production.

EDUCATION

B.S. in Computer Science, Carnegie Mellon University, Pittsburgh, PA

CERTIFICATIONS

Meta Front-End Developer Professional Certificate | Testing JavaScript Applications | IAAP Accessibility Fundamentals