
Marko Babić

SENIOR REACT DEVELOPER

Senior React and TypeScript developer with 8+ years building production systems, now focused on code-first design and component systems. Deep expertise in React internals, Next.js architecture, and design system implementation using shadcn/ui, Tailwind CSS, and modern tooling. Experienced designing and shipping UI for complex spatial software, integrating AI workflows into product surfaces, and mentoring teams on accessible, performant component patterns.

marko.babich@proton.me · +385 98 261 016 · Siget ul. 19, Zagreb, Croatia

SKILLS

React & Frontend Fundamentals: React 18+, Hooks, Context API, Suspense, Server Components, HTML, CSS, Responsive Design, Light/Dark Mode

Design Systems & UI: shadcn/ui, Tailwind CSS, Design Tokens, CSS Modules, Styled Components, Radix UI, Material UI, Framer Motion, Accessibility

Next.js & Web Architecture: App Router, Pages Router, SSR, SSG, ISR, API Routes, Middleware, Edge Runtime

TypeScript & Advanced Patterns: Strict mode, Generics, Mapped Types, Conditional Types, Utility Types, Module Augmentation

Design & Prototyping: Figma, Claude AI-Assisted Design, UI Prototyping, Iconography, Illustration Direction, Component Design

State Management & Data: Zustand, Redux, RTK, React Query, SWR, Jotai, Recoil

Testing & Quality: Jest, Vitest, React Testing Library, Playwright, Cypress, MSW, Storybook, Visual Regression

Performance & Monitoring: React DevTools Profiler, memoization, Virtualization, Bundle Optimization, Lighthouse, Core Web Vitals

AI & Modern Tooling: Vercel AI SDK, OpenAI API, GitHub Copilot, Cursor, Streaming Components, AI-Assisted Workflows

EXPERIENCE

Senior React Developer — ArisGlobal

05/2022 - 04/2026 · Boston, Massachusetts · Remote

- Architected full React and Next.js application using TypeScript strict mode, defining component patterns, custom hook conventions, and state management strategy adopted across the team; migrated application from Pages Router to App Router with React Server Components, reducing client JavaScript bundle size significantly.
- Built shared component library in Storybook with comprehensive TypeScript types, accessibility testing, and visual regression coverage using Jest and Vitest, cutting UI inconsistency bugs and accelerating feature delivery across teams.
- Implemented complex interactive analytics dashboards with custom charting components, virtualized data tables, and real-time WebSocket updates while maintaining smooth performance across large datasets using React DevTools Profiler for optimization.
- Led full render performance audit using React DevTools Profiler, identified and fixed unnecessary re-renders across key user journeys, improving perceived responsiveness noticeably through strategic memoization and useCallback patterns.
- Implemented server-side rendering with Next.js that improved Core Web Vitals scores to green across all key pages, directly improving SEO rankings and reducing bounce rates; scores improved from 45 to 92 on Lighthouse performance audit.
- Built real-time AI-powered data summary feature using Vercel AI SDK and OpenAI streaming APIs, rendering live token streams directly into React components with proper loading and error states; feature delivered in 2-week sprint cycle.
- Set up frontend CI with GitHub Actions covering TypeScript checks, unit tests, React Testing Library integration tests, and Lighthouse performance budgets as mandatory pull request gates, eliminating runtime errors in production deployments.
- Defined and enforced React best practices through code reviews, component design walkthroughs, and internal documentation; mentored 3 junior React developers through structured pair programming on complex state and performance challenges.
- Designed and prototyped responsive UI flows for property panels and dashboard interfaces using Tailwind CSS and shadcn/ui components, establishing light and dark mode support from day one across all surfaces.

React Developer, Full Stack — TaskUs

08/2017 - 05/2022 · New Braunfels, Texas · Remote

- Built complete user management and product catalog frontend with React and Next.js, introducing SSR that improved page load times and drove measurable improvement in organic search rankings; pages served 10,000+ daily active users.

- Migrated key codebase sections from class components to functional components with Hooks, improving code readability and making state logic far easier to test and reuse across 20+ pages.
- Introduced TypeScript to React codebase, establishing typed component interfaces and API response types that eliminated runtime data shape errors; strict mode enforcement prevented production issues from misaligned API contracts.
- Built custom React hook library covering data fetching, form handling, authentication state, and cart logic, used consistently across 20+ marketplace pages with Redux for centralized state management.
- Implemented responsive, pixel-accurate UIs from Figma designs using Tailwind CSS and Material UI across all user-facing marketplace pages with full light and dark mode support.
- Integrated third-party payment and shipping provider UIs with clear React loading, error, and success states, making complex multi-step flows feel reliable and trustworthy to users; checkout completion rate improved 8%.
- Improved Webpack bundle configuration, reducing main JavaScript bundle size by 35% and cutting time-to-interactive on product listing pages through code splitting and lazy-loading components.

Junior Developer — Deloitte

09/2015 - 07/2017 · Zagreb, Croatia · On-Site

- Built and maintained React UI components following design system patterns, gaining early experience writing reusable, composable component code aligned with team conventions.
- Implemented layouts and UI components from Figma design specs, translating visual designs into clean HTML, CSS, and React JSX with responsive behavior across breakpoints.
- Wrote Jest and React Testing Library unit tests for new components, building confidence with frontend testing practices and achieving 80%+ code coverage on new feature work.

E D U C A T I O N

BSc in Electrical Engineering & IT

University of Zagreb · Zagreb, Croatia · 10/2012 - 9/2015

L A N G U A G E S

Croatian (Advanced), English (Advanced)