

JACK KNOELL

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Technical Skills

Web Development Technologies:

HTML5, CSS3 (Sass, Bootstrap, Tailwind), JavaScript (Typescript, React, React Native, Next.js, Vue.js)

Backend Development:

Java, Node.js, Express, GraphQL, MySQL, MongoDB, Cloudflare

Content Management Systems:

Headless CMS, Adobe Experience Manager, Dato CMS, Contentful

Development Tools and Practices:

Azure DevOps, Continuous Integration/Continuous Deployment (CI/CD), Agile Development Practices, Artificial Intelligence, Figma

Professional Experience

Developer, 12/2023 - Current

Edenspiekermann - Los Angeles, CA

- Translated complex designs into responsive React/Next.js applications (App Router, server & client components)
- Built a TypeScript-first GraphQL layer with code generation, ensuring full type safety and zero runtime errors
- Architected a modular component system to dynamically render CMS-driven content
- Implemented performance strategies (ISR, Edge Middleware, lazy loading, code-splitting) to achieve sub-second load times
- Automated CI/CD workflows and upheld code quality via ESLint, Prettier, Husky hooks and GitHub Actions
- Collaborated with cross-functional teams and integrated third-party APIs under GDPR-compliant flows
- Integrated AI-driven backend services for dynamic content generation in the React Native app, boosting personalization and engagement

Jr. Developer, 10/2022 - 12/2023

Edenspiekermann - Los Angeles, CA

- Developed static-first websites in Next.js 13 with strict TypeScript and SCSS design systems
- Integrated headless CMS data via GraphQL, using custom query orchestration to minimize over-fetching
- Implemented a section-driven UI registry mapping 40+ CMS block types to reusable React components
- Enhanced user experiences with Framer Motion animations, infinite-scroll carousels and intersection-observer reveals
- Enforced code quality and accessibility standards (WCAG-AA) through linting rules, pre-commit scripts and automated testing

Projects

Drive Stories (React Native)

- Mobile lead; React Native 0.78, TypeScript, CarPlay/Android Auto APIs, react-native-track-player
- Seamless hands-free audio streaming with offline caching; full media-browser integration

Northern Trust Platform

- Full-stack contributor; React front-end (45+ reusable components), Java back-end/data model, AEM CMS integration
- Embedded within client's dev & marketing teams—daily office hours, weekly syncs—to streamline dev→staging→production deployments

Vanguard Renewables Site

- FE developer; Next.js 13, TypeScript, SCSS, graphql-request
- 100% Lighthouse score; modular CMS-driven sections; no-overfetching data layer

Edenspiekermann Marketing/Portfolio

- Lead FE engineer; Next.js 14 (App Router), React 18, DatoCMS, GraphQL Codegen, framer-motion
- Sub-second global TTFB; zero runtime errors; +X % session length

Education

University of Southern California - Los Angeles, CA

BA Economics - 2017