Ryan Killeen

I'm a Senior Frontend Software Engineer with a passion for building accessible, user-first experiences. From Fortune 50 companies to startups, I've delivered world-class front end experiences while leveling up teams and processes. Always learning.

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Location: Remote or Philadelphia

Nerd Street Gamers
Senior Engineer | Nov 2020 - Present

- Proposed and implemented Sanity CMS as a WordPress replacement, to better integrate with Next.js React website, improving content editor experience and ease of development
- Introduced Image CDN usage and optimization to improve user experience
- Established SSR / CSR / GraphQL caching and revalidation strategy
- Led performance and accessibility initiative to meet WCAC 2.0 Level AA compliance and improve Lighthouse scores
- Implemented Firebase anonymous user carts and registration conversion, refactoring large portions of Auth logic and session hooks
- Collaborated with UX Design to establish repeatable, core components, to streamline dev and design process

Think Company
Senior Front-end Engineer | July 2016 - Nov 2020

- Engineered a pattern library to quickly achieve the client's initiative of unifying design across applications, all white-labelled for 30+ brands
- Cut Time To Interactive (TTI) in half for 21,000 daily users through code and asset optimization, caching, gzipping and CDN usage
- Implemented Lerna JS to deploy UI components as individual packages, increasing teams' abilities to use and update patterns quickly
- Architected and developed React/Redux apps covered with Jest unit tests, migrating client from Knockout.js to a modern SPA architecture
- Raised and mitigated security concerns in code (XSS, form data exposure through insecure cookies)
- Created a CLI tool to speed up boiler-plating for Redux/React apps to fit client's specific needs and ecosystem
- Led requirements definition for Brownfield software initiative
- On-boarded and mentored developers in React/Redux, Unit Testing, and code quality principles
- Architected, developed and maintained serverless Node apps to meet internal business needs

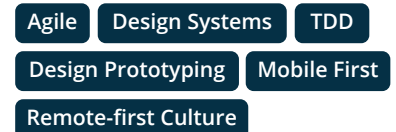## Nimblelight
Front-end Developer | Jan 2014 - July 2016

- Migrated one-click car sale website with 3k inventory away from single provisioned servers into cloud-based Azure architecture, de-coupled and retooled inventory importer to allow for company growth
- Defined modern development workflow, introducing and implementing npm, gulp, staging environments, and gitflow
- Identified, debugged, and optimized poorly performing SQL queries to improve UX

Technologies
Languages, libraries, and platforms

HTML · CSS · JS · React · Typescript · NextJS · Redux · Node · SanityCMS · GatsbyJS · Express · Lerna · GraphQL · Netlify · Azure · React Testing Library · Jest · CI/CD · Babel · Git · Sass · LESS · SVG · Webpack · Docker · Algolia · MongoDB · Playwright

Process

Agile · Design Systems · TDD · Design Prototyping · Mobile First · Remote-first Culture

Exploring

Rust · Tauri · RedwoodJS · ESBuild · Neo4j · Palumi · Astro · Temporal · Stitches · Impact Mapping

Education

Muhlenberg College
B.A. Theater and Communications | 2012