

Kyle Karpack

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SKILLS

Languages: JavaScript, TypeScript, CSS, HTML, SQL, C#, and familiarity with Go and Rust

Platforms: React, Angular, NodeJS, Remix, NextJS, Gatsby, .NET, Azure, AWS, Ionic, GraphQL, ElasticSearch

Tooling: Webpack & other bundlers, Jest, Testing Library, Cypress, Git, Jira, CI/CD, Photoshop

PROFESSIONAL EXPERIENCE

Adobe, Seattle, WA

Senior Front-End Engineer

October 2019 - Present

Leading efforts towards Adobe's goal to bring its newly-acquired Marketo Measure product onto the Adobe platform.

- Managing the UI roadmap, including proposing, planning, directing, and implementing all large UI projects
- Driving localization, accessibility, and other UX improvement projects
- Leading the effort to migrate development to React/GraphQL while adding new features, optimizing builds, and exceeding targeted code quality and performance metrics
- Collaborating across teams at Adobe to leverage and improve shared infrastructure and resources
- Responsible for monitoring and ensuring resilience and SLA compliance of all UI application services

Net-Inspect, Kirkland, WA

Lead Front-End Engineer

August 2018 - August 2019

Led a team of developers building the leading SaaS application for manufacturing quality management. Accomplishments include:

- Completed and launched a full rewrite of the application in Angular
- Held responsibility for architectural decisions, sprint planning, mentoring junior developers, and interviewing candidates
- Implemented regular code reviews, code quality standards, automated testing, extensive documentation, and performance budgets to reduce bugs and improve developer productivity
- Migrated to Microsoft Azure to reduce costs and provide scalability

Software Engineer

March 2013 - July 2018

Built and maintained the Net-Inspect application. Accomplishments include:

- Implemented a modern development system including SCSS, Webpack, TypeScript, and continuous integration
- Designed and built a robust set of reusable interface components
- Designed and developed innovative new data visualization products including capability scoring, supply chain risk mapping, and electronic source inspection

EDUCATION

University of Washington, Seattle, WA

B.S.E., Human-Centered Design and Engineering

Bachelor's of Science in Engineering with a focus in Human-Computer Interaction