

# Mark Skelton

<https://mskelton.dev> • [mdskelton99@gmail.com](mailto:mdskelton99@gmail.com)

## Open Source

---

### Playwright ESLint Plugin

<https://github.com/playwright-community/eslint-plugin-playwright>

Built and maintained the community driven ESLint plugin for Playwright. Collaborating with the Playwright core team to implement rules to encourage testing best practices.

### Ratchet

<https://github.com/mskelton/ratchet>

Constructed a codemod with jscodeshift to automatically convert React prop types to TypeScript. Usable via the CLI or a Svelte web app.

### Yarn Outdated Plugin

<https://github.com/mskelton/yarn-plugin-outdated>

A custom plugin for Yarn 2+ to check for outdated dependencies. Many of the features were implemented based on community feedback and professional experience using the plugin.

## Experience

---

### Staff Software Engineer

March 2023 - Present

- Developed an admin portal which significantly improved time to delivery of customization and features
- Built and maintained a design system using React, Tailwind, and Storybook
- Constructed a GraphQL federated gateway using Apollo with custom plugins developed in Rust decreasing average latency by 7x and maximum latency from ~10s to ~40ms
- Architected a database introspection and query tool with capabilities to support custom data schemas for customers with tight integration into frontend components
- Maintained an extremely feature rich and highly configurable data table used in roughly 70% of the application for customers to manage their data
- Implemented significant improvements to build process to improve developer efficiency
- Mentoring developers, knowledge sharing, and teaching techniques for improving engineering skills

### Staff Software Engineer

January 2019 - February 2023

- Refactored large portions of a legacy monolith into microservices
- Developed frontend React applications in collaboration with designers
- Lead developer of React component and utility libraries used throughout the company
- Created a distributed architecture using module federation
- Drove the company-wide frontend architecture planning
- Developing a internal browser extension to simplify common development tasks
- Architected and developed a bulk data import tool capable of processing a quarter million records

## Web Developer

August 2016 - January 2019

- Consulting with customers to define their technical needs, then designing and executing a solution to meet them
- Leading development for an enterprise level Single Sign-On application including reporting and analytics functionality, using Node.js and Vue.js
- Architecting a time tracking application that integrates seamlessly with QuickBooks using Node.js on the back-end, Angular/Ionic on the front-end, deployed with Docker
- Creating a payment processing API with bi-directional support for multiple payment gateways, transforming data from disparate sources into a unified format
- Traveling onsite to customers for at-the-elbow troubleshooting for development issues
- Communicating effectively with customers and cross-role internal stakeholders
- Participating and/or leading the entire development life cycle from requirement elicitation sessions to design, development, testing, and support

## Skills

---

TypeScript, React, Node.js, HTML, CSS, Go, Rust, Next.js, GraphQL, Jest, Playwright, Vite, webpack, AWS