Mike Tyler

Experienced software engineer who enjoys practical code,
web technologies, and fluid, accessible user experiences.

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Skills --

Languages & Frameworks: JavaScript | TypeScript | React | Angular | Node.js | PHP | HTML | CSS | SCSS | Tailwind | Zod | TanStack Query
Tools & Platforms: Git | GitHub | NPM | Webpack | Vite | Jest + RTL | Swagger | Figma | Storybook | Jira | GitHub Actions | TeamCity
Concepts: Accessibility | Software Design Patterns | REST Principles | UX/UI Fundamentals | Design Systems | User Research | CI/CD | Agile

Experience --

Cludo
A B2B SaaS provider specialized in enterprise search – data indexing, AI-enabled content discovery, and client SDKs for creating search UIs.

- **Senior Product Engineer**
  Jan 2023 - Present
  - Maintained and enhanced critical JavaScript client services that power search for millions of end users daily | Led a team of junior engineers to develop a React library for creating search UIs. The library now facilitates 40% of total traffic to search servers (documented at: https://react.cludo.com) | Ensured WCAG 2.2 conformance and GDPR compliance in all client-facing code | Organized ongoing interviews with clients and partners to iterate on developer resources based on their needs | Authored public documentation for component libraries and REST APIs (cataloged at: https://cludo.com/cludo-developer-experience)
- **Software Engineer II**
  May 2021 - Jan 2023
  - Collaborated with designers on a partial redesign of the Cludo admin Angular web app | Improved critical user journeys and introduced an automated onboarding process for new users | Maintained parity between Figma-designed components and code
- **Software Engineer**
  Jun 2019 - May 2021
  - Contributed as a core engineer for the admin web app using Angular and TypeScript | Applied suitable software design patterns to keep the web app performant and maintainable | Ensured comprehensive e2e, integration, and unit test coverage
- **Frontend Developer**
  Sep 2017 - Jun 2019
  - Worked jointly with clients to create custom search implementations | Developed reusable, portable search UIs with ASP.NET Core templates and vanilla JavaScript | Offered ongoing technical support and consultation for clients

LeeT Web Services
Dec 2015 - Aug 2017
Provided freelance web development services primarily focused on CMS-backed content websites for small business clients.

Siemens | SysAdmin/Integrations Internship
Jan 2014 - Sep 2014
Helped maintain development servers and assisted in hardware migrations. Wrote and managed build scripts for developer environments.

Education --

Computer Science, B.A. | New Media Studies Minor | University of Minnesota | Sep 2011 - Dec 2015