Mike Tyler

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

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Core Skills

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Node.js, Angular, HTML, CSS (SASS/SCSS, CSS Modules, Bootstrap, Tailwind, styled-components, Emotion)

Tooling, Testing, & Platforms: Git/GitHub, GitHub Actions, AWS, NPM, Webpack, Vite, Jest + RTL, Storybook, Figma, Jira, Kibana

Data & State: TanStack Query, Redux, RxJS, Zod, GraphQL, REST Principles

Engineering Practices: Accessibility (WCAG), Performance Optimization, SSR, Design Systems, UX/UI Fundamentals, CI/CD, Agile, GDPR

Relevant Experience

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

- **Senior Frontend Engineer**
  Jan 2023 - Present

  - Led architecture and development of a comprehensive React component library for building custom search UIs. One year after publishing to NPM, the library now drives 40% of Cludo search traffic and supports SSR, accessibility, and CSS theming.

  - Maintained and enhanced core JavaScript client services that power search, chatbots, and AI summary modules for millions of users each day. Ensured high availability, low latency, and smooth cross-browser performance for all client experiences.

  - Improved frontend performance across component libraries and client modules using bundle analysis, tree-shaking, caching strategies, and React re-render optimization.

  - Collaborated with backend teams to design REST APIs and schema, ensuring reliable data contracts between systems using Zod.

  - Ensured WCAG 2.2 conformance and applied best practices to maximize accessibility in all client-facing code.

  - Owned GDPR and cookie-consent compliance for tracking, analytics, and event logging.

  - Migrated CI/CD pipelines for client modules from TeamCity to GitHub Actions resulting in 90% reduction in deployment time.

  - Worked in AWS-hosted environments and utilized Cloudflare CDN to facilitate fast and reliable service of resources.

  - Organized recurring interviews with clients and partners to gather feedback and iterate on the tools they use in production.

  - Supported sales and solutions teams in discovery by building proof-of-concept integrations and assessing feasibility for prospects.

  - Authored extensive public documentation for component libraries, integrations, and REST APIs.

- **Software Engineer II**
  May 2021 - Jan 2023

  - Led a refactor of the Cludo admin app, introducing reusable Angular components and more scalable state-management strategies.

  - Collaborated with designers to improve crucial user paths like new user onboarding and search index configurations.

  - Enabled new users to independently set up the product and reduced weekly support tickets related to onboarding by up to 50%.

  - Worked directly in Figma to maintain parity between design components and code components.

- **Software Engineer**
  Jun 2019 - May 2021

  - Served as a core contributor to the Angular and TypeScript-based admin web app, supporting thousands of daily users.

  - Strengthened testing infrastructure from <20% unit test coverage to comprehensive e2e, integration, and unit test coverage.

  - Worked with backend teams on refactoring REST API payloads to cleanly serve actual data model needs within the UI.

  - Introduced new features like SVG graph analytics views and search configurations that remain high-use features to this day.

- **Frontend Developer**
  Sep 2017 - Jun 2019

  - Worked jointly with enterprise clients to create custom search implementations that serve hundreds of thousands of daily users.

  - Developed reusable, portable search UIs with ASP.NET Core templates and vanilla JavaScript.

  - Provided ongoing consultation for clients, giving best practices and improving implementations based on their feedback.

LeeT Web Services
Dec 2015 - Aug 2017
Provided freelance web development services primarily focused on CMS-backed e-commerce sites for boutique businesses.

Education ---

Computer Science, B.A.
University of Minnesota
Sep 2011 - Dec 2015

Public Work --

Cludo product roadmap webinar
Hosted a public webinar detailing upcoming releases and initiatives for both technical and non-technical attendees.

Cludo React documentation
Led development and architecture and wrote 100% of documentation.

Cludo developer experience documentation
Organized DX mental model, structured and wrote majority of documentation.