

Mike Sandula

Software Engineer

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Portfolio: <https://mikesandula.dev/>

GitHub: <https://github.com/msandula12>

LinkedIn: <https://www.linkedin.com/in/mikesandula/>

SKILLS

Software languages, frameworks, tools

- Angular, Ariakit, CSS/Less/Sass/CSS-in-JS, Cypress, D3.js, ESLint, Express.js, Git, GraphQL, HTML, JavaScript, Jest, Material UI, Next.js, Node.js, NPM, Prettier, Python (Dash/Flask), React Testing Library, React.js, Redux, RESTful APIs, Storybook, Tailwind CSS, TypeScript, Vue.js, Webpack, WebSockets, Yarn

Applications

- Adobe XD, AWS, Confluence, Fastly CDN, Figma, GitHub/GitLab, Jira, Linear, Semaphore

Practices

- Agile/Scrum, ARIA/Web Accessibility, Code Reviews, Frontend Testing, Search Engine Optimization (SEO)
-

PROFESSIONAL EXPERIENCE

Rollbar — San Francisco, CA (remote)

Senior Software Engineer

December 2024 - present

- Served as frontend lead for the launch of the Session Replays product, delivering core components ahead of schedule and aligning with broader product milestones
- Partnered closely with design to define and implement a scalable set of reusable UI components, improving consistency and development velocity
- Authored technical specs for new features—including a feature highlight module and chip-based filtering system—ensuring alignment across engineering and product
- Implemented a simplified onboarding flow, driving a 500% increase in signup conversion (from 7% to 36%)

Dictionary.com — Oakland, CA (remote)

Staff Software Engineer

April 2023 - May 2024

- Drove frontend execution for the full redesign of Dictionary.com and Thesaurus.com, ensuring performance, accessibility, and scalability for 40 million daily users
- Directed cross-functional efforts to build a robust in-house design system using Figma and Style Dictionary
- Consolidated fragmented RESTful API calls into a single, efficient GraphQL query via Apollo, significantly improving data flow and performance for the website's most frequently visited pages

- Implemented Storyblok's Headless CMS to populate shared data modules, enhancing content creation and scheduling efficiency for the content team
- Authored a design patterns document to establish best coding practices across multiple engineering teams

Dictionary.com — Oakland, CA (remote)

Senior Software Engineer

August 2021 - April 2023

- Enhanced Grammar Coach editor UX by integrating WebSockets and implementing sentence diffing, reducing payload size by 90% and API latency by 75%
- Led modernization of Grammar Coach's 100+ component Next.js codebase by migrating to TypeScript, introducing Redux Toolkit, and expanding E2E test coverage with Cypress

Great Lakes Consulting Services, Inc. — Livonia, MI

Software Developer

January 2019 - July 2021

- Led frontend development of a scalable React with Redux and TypeScript application for Trinity Health's budget forecasting tool, handling millions of hospital records with high performance and reliability
- Designed a multi-page dashboard application with interactive charts and graphs using Dash/Flask (Python)
- Supported team growth by mentoring junior engineers and interns, shaping onboarding processes and accelerating their integration into production work

Logicdrop — Ferndale, MI

Software Developer

April 2016 - December 2018

- Delivered production-ready websites and web apps for diverse clients, leveraging modern frameworks including Angular 2+, React, and Vue to meet complex UI and performance needs
- Implemented core frontend systems for Logicdrop's Studio Platform, an enterprise-grade document automation tool featuring a custom drag-and-drop template editor with over 20 modular components
- Engineered real-time feedback for large document uploads using RxJS observables

EDUCATION

Oakland University — Rochester, MI

December 2010

- Bachelor of Arts in Journalism (Cum Laude with departmental honors)

CERTIFICATIONS

Amazon Web Services

February 2024

- AWS Certified Cloud Practitioner (CLF-Co2)

Grand Circus — Detroit, MI

March 2016

- JavaScript Developer Certification