Mike Sandula
Software Engineer

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Portfolio: https://msandula12.github.io/msandula
GitHub: https://github.com/msandula12
LinkedIn: https://www.linkedin.com/in/mikesandula/

SKILLS

Software languages, frameworks, tools
- Angular, CSS/Less/Sass/CSS-in-JS, Cypress, ESLint, Git, GraphQL, HTML, JavaScript, Jest, Next.js, Node.js, NPM, Prettier, Python (Dash/Flask), React Testing Library, React.js, Redux, RESTful APIs, Storybook, TypeScript, Vue.js, Webpack, WebSockets, Yarn

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

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

PROFESSIONAL EXPERIENCE

Dictionary.com — Oakland, CA (remote)

Staff Software Engineer   *April 2023 - present*
- Key contributor to rebuild and redesign of Dictionary.com and Thesaurus.com, which have over 40 million daily users, going from 4 applications of various tech stacks to a single, isomorphic React application
- Converted Rest API endpoint consumption to Apollo GraphQL for Dictionary and Thesaurus browse pages
- Wrote integration for Storyblok's Headless CMS to populate shared data modules
- Produced in-house design system in tandem with design team using Figma and Style Dictionary
- Established design patterns and best coding practices for frontend team
- Designed software architecture round for interviewing engineering candidates
- Won company Hackathon for co-writing a word puzzle game ("Ghost")

Senior Software Engineer   *August 2021 - April 2023*
- Collaborated with product, design, backend, and machine learning teams in an agile environment
- Improved UX of Grammar Coach editor by implementing WebSockets, which decreased latency by 75 percent
- Migrated Grammar Coach's Next.js codebase (with over 100 components) to TypeScript, introduced Redux Toolkit, and more than doubled end-to-end testing coverage with Cypress

Great Lakes Consulting Services, Inc. — Livonia, MI

Software Developer   *January 2019 - July 2021*
- Developed and managed a React with Redux (TypeScript) frontend of an end-to-end budget forecasting application with millions of data points for Trinity Health's budget team
- Designed a robust dashboard application with interactive charts and graphs utilizing Dash/Flask (Python)
- Participated in the hiring of junior engineers and interns and facilitated their onboarded and training

Logicdrop — Ferndale, MI

Software Developer   *April 2016 - December 2018*
- Launched multiple websites and web apps for various clients using cutting-edge frontend frameworks such as Angular 2+, React and Vue
- Led frontend development for Logicdrop's Studio Platform, a tool for enterprise-level document automation with a drag-and-drop template editor comprised of over 20 custom elements
- Collaborated with backend team to integrate Rest APIs using RxJS observables
- Implemented functionality for importing Excel spreadsheets and .CSV files into editable data tables

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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-C02)

Grand Circus — Detroit, MI   *March 2016*
- JavaScript Developer Certification