

# Mike Sandula

## Software Engineer

### CONTACT

**Portfolio:** <https://msandula12.github.io/msandula>

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

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

Shelby Township, MI

[msandula@gmail.com](mailto:msandula@gmail.com)

586-549-6818

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### SKILLS

Agile/Scrum	Figma	Jira/Confluence	React.js
Angular	Git/GitHub/GitLab	Next.js	Redux/Redux Toolkit
CSS/Less/SCSS	GraphQL	Node.js/Express.js	Vue.js
Cypress/Jest	HTML	Python (Dash/Flask)	Webpack
ESLint/Prettier	JavaScript/TypeScript	React Testing Library	WebSockets

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### 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 5 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 on Grammar Coach writing tool
- Improved UX of Grammar Coach editor by implementing WebSockets, which decreased latency by 75 percent
- Migrated Grammar Coach codebase (over 100 components) to TypeScript and introduced Redux Toolkit

#### 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**

### **Grand Circus — Detroit, MI**

*March 2016*

- JavaScript Developer Bootcamp

### **Oakland University — Rochester, MI**

*December 2010*

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

### **Amazon Web Services**

*February 2024*

- AWS Certified Cloud Practitioner (CLF-Co2)