Mike Sandula
Software Engineer

Shelby Township, MI, 48315
msandula@gmail.com
586-549-6818

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

SKILLS

Software languages, frameworks, tools
- Angular, Ariakit, CSS/Less/Sass, Cypress, D3.js, Emotion (CSS-in-JS), ESLint, 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, 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*
- Led the redesign effort for Dictionary.com and Thesaurus.com websites, serving over 40 million daily users
- Developed in-house design system in tandem with the design team using Figma, Ariakit, and Style Dictionary
- Transformed Rest API endpoint consumption to Apollo GraphQL for Dictionary and Thesaurus browse pages, streamlining 5+ API calls into a single call that only included necessary data
- Implemented Storyblok's Headless CMS to populate shared data modules, enhancing content creation and scheduling efficiency for the content team
- Formulated a design patterns document to establish best coding practices across the engineering team

Dictionary.com — Oakland, CA (remote)

Senior Software Engineer   *August 2021 - April 2023*
- Collaborated with product, design, backend, and machine learning teams in an agile environment
- Optimized UX of Grammar Coach editor by integrating WebSockets and implementing sentence diffing, reducing latency by 75 percent
- Refactored Grammar Coach's Next.js codebase (100+ components) to TypeScript, introduced Redux Toolkit, and significantly expanded 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 and TypeScript frontend of an end-to-end budget forecasting
  application with millions of data records for Trinity Health's budget team
• Designed a multi-page dashboard application with interactive charts and graphs with Dash/Flask (Python)
• Contributed to the recruitment and mentoring of junior engineers and interns, facilitating their seamless
  onboarding and training processes

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
• Utilized RxJS observables to consume Rest APIs that provided real-time feedback to users
• Implemented robust functionality for importing Excel spreadsheets and .CSV files into editable data tables

---

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