Zachary Semaan
UI Engineer

Contact Me

- Davisburg, MI 48350
- (248) 535-1333
- semaanza@gmail.com
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Skill

Javascript/Typescript
HTML
Node.js

CSS
-Tailwind
-MUI
-Boostrap

React/Next
-React Hook Form
-Yup Validation
-Redux/RTK Query
-Tanstack: Table, Query, Virtual
-Jest

Contentstack
Tina
Sanity
Contentful

Google Analytics
Google Tag Manager

Github
Gitlab
Bitbucket

Jira
Wrike

work experience

REMOTE
1/24 - present

Net X
UI Engineer
- Transform our core application by migrating to React and implementing a cutting-edge design, dramatically improving user experience and technical capabilities.
- Utilize Tanstack Query to streamline data fetching, caching and state synchronization across the application, significantly enhancing user experience and developer productivity.
- Implemented comprehensive unit testing strategy using Jest, achieving increased test coverage for all new React components.
- Revolutionized data presentation by integrating Tanstack table, incorporating advanced features such as sorting, filtering, and pagination, while leveraging virtualization to efficiently handle millions of rows.
- Track and log work through Jira.

PONTIAC MICHIGAN
10/22 - 01/24

United Wholesale Mortgage
UI Developer
- Enhanced and maintained legacy applications employing MVC, vanilla JS, CSS, and HTML.
- Built new applications with React and MUI, resulting in improved performance and user experience.
- Integrated V3 microservices through API calls.
- Migrated older company websites per UX designs to NextJS using contentstack as a headless CMS, boosting load times and enhancing SEO.
- Effectively collaborated with a large scrum team to deliver high-quality products on schedule
- Expertly managed agile workflow using Jira, ensuring the timely completion of tasks.
- Utilized version control systems including Git, Jenkins, and Bitbucket, to maintain code integrity. Recruited to top priority project

REMOTE
8/21 - 4/22

M Agency
Junior Developer
- Managed content updates for applications through Word-Press, ensuring a seamless user experience.
- Provided support for updating existing client applications as needed.
- Assisted within a team for the production and launch of new applications.

REMOTE
11/20 - 6/21

Vimax Media
Junior Front-End Developer
- Supported the development team in building web applications using the React framework.
- Created custom components and views per design specifications, ensuring a consistent user interface.

CLAWSON MICHIGAN
9/17 - 5/22

Clarks Building LLC
Sales & Marketing Manager
- Represent company at trade show expos.
- Set up and monitor all Google Ad campaigns.
- Launched website and improved online presence, broadening company exposure.
- Served as the primary contact throughout project procedures, maintaining strong client relationships.

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education

FLINT MICHIGAN
2012 - 2014

University of Michigan
Master Of Science
Biology

MT. PLEASANT MICHIGAN
2007 - 2012

Central Michigan University
Bachelors Of Science
Biomedical Sciences
Neuroscience

ONLINE
APRIL 2020

University of Michigan
Certifications
Introduction to HTML5
Introduction to CSS3
Interactivity with Javascript

ONLINE
OCT 2020

Udemy
Certificate
Javascript: Understanding the weird parts

ONLINE
March 2025

Free Code Camp
Certificate
Foundational C# with Microsoft

**References available upon request