

# tomraley

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## SUMMARY

Senior Full Stack Web Developer dedicated to building and optimizing web-based applications and sites, enhancing UX/UI and leveraging technical solutions to drive efficiency, with a true passion for writing clean code that maximizes functionality. A focus on using creative methods, analytical thinking, and communication skills to make websites come alive. Quick learner that thrives in fast-paced environments and constantly adapting new technologies to meet needs. Especially skilled at building effective, productive working relationships with clients and other team members. Excellent leadership, interpersonal, collaboration and negotiation skills.

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## TECHNICAL SKILLS

- JavaScript • TypeScript • React • GraphQL • Tailwind CSS • Node • Express
- MongoDB • SASS • HTML • CSS • Git • MySQL • Jest • AngularJS • Cypress

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**ACHIEVEMENTS** Currently working at Charter Communications, developing new features and contributing to bug fixes, platform health and stability on an application that is the central data reporting and logging platform for Ordering at the company. Have developed dozens of new features in a short amount of time, taken on challenging new projects including building an entire backend admin section for our team and implementing automated testing using Cypress, and developed good working relationships quickly with other colleagues. The application works with very large datasets, normally in the millions or sometimes billions of records, so being committed to performance and high-quality code has been instrumental in my success there.

Previously developed over 20 new features on SaaS and internal web applications using a combination of React, AngularJS, PHP and MySQL, utilizing Webpack as a build process and Git as version control. Refactored several 1000s lines of code to upgrade from ES5 to an ES6 class-based codebase. Developed NodeJS scripts to optimize performance and automate tasks.

Led development for a complete overhaul of a corporate website, including 25 templates and 100 new pages of content. Increased website traffic by over 50%. Built with Hubspot CMS and Tailwind CSS.

Redesigned a business intelligence web application using PHP, and implemented a new feature to allow users to customize the application, leading to a 25% increase in usage

Developed and maintained WordPress and PHP website that generates nearly 1,000 visitors on a daily basis, as well as a backend system that facilitates lead generation and automation for multiple CRMs

Led teams of up to 10 members and staff, designing trainings, creating a culture of accountability, directing daily work activities, and analyzing reports in order to measure success.

Recruited over 700 new members into 4 different organizations, with various methods including cold calls, door-to-door home visits, social media ads, email, and worksite meetings. Built compelling communications of the organizations' mission and vision, inspired many of these new members to remain committed to these organizations. Along the way, making sure that data is tracked, goals are being met, and detailed notes are being kept for future use and reference.

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## EDUCATION

### **Certificate of Completion**

Codecademy "Build Websites From Scratch"

Graduated 2018

### **Certificate of Completion**

freeCodeCamp Responsive Web Design Certificate

Graduated 2018

### **Certificate of Completion**

freeCodeCamp JavaScript Algorithms and Data Structures Certificate

Graduated 2018

### **Bachelor of Arts**

University of Minnesota – Twin Cities, Minneapolis, MN

Graduated 2011

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## EXPERIENCE

### **Senior Full Stack Engineer**

*Charter Communications, 2022-Current*

- Built dozens of new features using React, TypeScript, Node, Express, GraphQL and MongoDB for an internal enterprise application that reports and logs data for the main Ordering departments, including an entire admin backend for our team.
- Implemented and continue to maintain automated end-to-end (E2E) testing using Cypress.
- Developed new sections within the site, modernized the look and feel of several components using Tailwind CSS, and upgraded tables to include drag-and-drop column reordering, dynamic filtering, and various bug fixes and refactoring.

### **Full Stack Engineer**

*American Express, 2021-2022*

- Built 5 new features using React and Redux for an internal enterprise application that maintains data and APIs for use by other internal applications.
- Maintain 100% unit-test coverage using Jest, very strict ESLint rules, and strict agile and iteration planning standards, version control using git and Github and CI/CD using Jenkins.
- Developed 5 new end to end (E2E) test suites utilizing Selenium and Java in order to ensure platform health and stability.

### **Full Stack Developer**

*New Home Star, 2019-2021*

- Built over 10 new features in an enterprise level SaaS web application (~500 daily users) using a combination of AngularJS and ReactJS with minimal supervision.
- Maintained and developed back-end APIs using PHP and MySQL
- Migrated this same application from ES5 to ES6 in order to facilitate a migration from AngularJS to ReactJS.
- Updated build process from using gulp and bower to using Webpack and more modern ES6 features. Implemented end to end (E2E) testing using Cypress as a side project during some down time between major features.

## **Web Developer**

*Sun Chemical, 2018-2019*

### Web Application Development

- Redesigned a business intelligence web application using PHP, and implemented a new feature to allow users to customize the application, leading to a 25% increase in usage
- Redesigned this same application to utilize the React front end framework with a Node back end in order to simplify development, maintenance, and further drive increases in usage

### Website Development

- Developed and maintained WordPress and PHP website that generated nearly 1,000 visitors on a daily basis, as well as a back-end system that facilitates lead generation and automation for multiple CRMs
- Maintained large scale databases with MySQL and MariaDB, and integrated these databases into WordPress and other web apps using PHP, React, Node and Express.
- Designed and developed custom WordPress pages and templates using HTML, CSS, JavaScript and jQuery

### Marketing Automation

- Administered Pardot, executed 3-5 B2B email marketing campaigns per month including email design using HTML & CSS, automation, and integration with Salesforce CRM.

## **Senior Union Organizer**

*SEIU Healthcare Illinois & Indiana, 2013-2018*

- Led several projects from inception to completion to recruit new members and identify leaders inside and outside the organization.
- Brought over 400 new members into the organization, by mobilizing current leaders and recruiting new ones.
- Negotiated agreements, supervised teams of staff and members
- Worked intimately with online and local databases in order to track metrics, and developed and led several training programs.

- Routinely engage in very intense relationship and trust building and create a dynamic experience for members in order to maintain engagement in our organization.
- Required strong critical thinking, experimentation and creativity when designing outreach methods, am not afraid to try new methods, and am
- Consistently revised strategies in order to ensure projects move forward.

### **Union Organizer**

*SEIU Healthcare Minnesota, 2012-2013*

- Worked on a project to recruit 28,000 new members into the organization by travelling across the state, knocking door-to-door, cold calling, and seeking out the best leaders in each area.
- Built relationships with current and future members as well as local coalition and community groups in order to cast a wider net and expand our outreach.