# Dragon Messmer

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## PROFILE

Effective, Senior Software Engineer, with 20 years of front end development experience looking to join remote, cross functional team to build beautiful, dynamic, highly functional web based apps and services.

## EXPERIENCE

**SENIOR SOFTWARE ENGINEER,**
**HOMEPOINT, ANN ARBOR, MI  (REMOTE) – 12/2021-6/2023**

Project Apex was to be the new, improved, State of the art replacement for The Point

- Guided technical design and established code standards for the front-end using React with Typescript, and Apollo/GraphQL CI/CD in small cross-functional team.

- Achieved over 80% test coverage.

- Updated authentication to MSAL SSO.

- Implemented OWASP-driven security updates for enhanced application security.

- Initiated module federation of new code components into the old app, ensuring seamless integration and fallbacks.

- Developed bi-directional scroll synchronization between components and sections.

**SOFTWARE ENGINEER,**
**HOMEPOINT, ANN ARBOR, MI  (REMOTE) – 2/2018-12/2021**

Inherited The Point, oddly engineered, SaaS, ReactJS/Redux, loan creation front-end.

- Refactored confusing code into clean components using React hooks, cutting 75% of development time.

- Refactored app for updated MISMO loan data standard, and assisted backend team in mapping data.

- Successfully completed a full site redesign within a sprint.

- Created a proof of concept React app for the Home Ownership Platform, a loan servicing application.

- Go to person for the Ubuntu CMS.

- Project Link: [https://portal.hpfctpo.com]

**STAFF TECHNOLOGIST,**
**UNITEU, PITTSFORD, NY (REMOTE) – 1/2012-2/2018**

UniteU created and maintained e-commerce web sites for various clients.

- Reskinned a boilerplate markup template, making it fully responsive, using HTML5 and CSS3 (Sass/SCSS).

- Styled and customized e-commerce websites using SCSS and jQuery.

- Earned a reputation as the preferred developer for picky clients such as Nancy Meyer, Golf Galaxy, and Joes Jeans

**WEB DEVELOPER**
**FREELANCE, OAKLAND CA, AND ROCHESTER, NY – 6/2007-1/2012**

Freelanced both as an artist/designer and web developer.

- Provided web development consulting and hosting services.

- Customized WordPress site templates using CSS, PHP, and JavaScript.

- Developed a custom gallery/shop React app with an accompanying NodeJS admin app.

- Project Links: [http://www.dougmacart.com] , [https://www.skullyflower.com]

**WEB DEVELOPER,**
**GRACENOTE, EMERYVILLE, CA – 8/2000-6/2007**

Gracenote pioneered music recognition

- Created custom PHP web applications using proprietary software and services.

- Built a PHP templated corporate website showcasing the company's wealth of music data.

## SKILLS

**PROGRAMMING LANGUAGES:**

JavaScript, Typescript, HTML, CSS, C#, SQL

**FRAMEWORKS:**

ReactJS, Redux, Apollo, GraphQL

**TOOLS AND TECHNOLOGIES:**

MSAL SSO, jQuery, SCSS, LESS, Docker, GitHub, Azure, CI/CD

**TESTING:**

Unit testing, Test coverage, Jest

**SECURITY:**

OWASP best practices

**VERSION CONTROL:**

Git, Subversion, Perforce

**AGILE DEVELOPMENT:**

Sprint planning, Scrum

## LICENSES & CERTIFICATIONS

MCPS: Microsoft Certified Professional, Microsoft - 2014
MS: Programming in HTML5 with JavaScript and CSS3, Microsoft - 2014

## EDUCATION

Monroe Community College, Rochester NY – AAS, Accounting, 2010 GPA: 4.0