Dragon Messmer

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PROFILE

Effective, Front-end Software Engineer, with 10+ years of development experience, looking to join remote, team to build beautiful, dynamic, highly functional web based apps and services.

EXPERIENCE

FREELANCE SOFTWARE ENGINEER/ARTIST,
SKULLYFLOWER.COM, OAKLAND, CA - 6/2023 - PRESENT

Own, develop, maintain skullyflower.com, online art gallery and shop. Freelance web development.

- Currently developing a template for creating easily maintainable React shop sites.
- Created custom gallery/shop React app with an accompanying NodeJS admin app.
- Customized WordPress site templates using CSS, PHP, and JavaScript.
- Project Links: http://www.dougmacart.com , https://www.skullyflower.com

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

Project Apex was to be the new, React / Typescript, Apollo/GraphQL version of customer facing, home loan creation app. Used problem solving, attention to detail, to implement designs and requirements. Present changes and negotiate strategies in small cross-functional team, using oral communication.

- Guided technical design and established code standards for the front-end.
- Achieved over 80% test coverage using Jest and testing-library/react.
- Updated authentication to MSAL SSO and OWASP-driven security updates for enhanced application security.
- Improved customer efficiency by creating universal header navigation and solving problems that had required dual headers.
- Initiated module federation of new code components into the old app, ensuring seamless integration and fallbacks.
- Solved bi-directional scroll synchronization between components and sections design problem using customized hooks.

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

Inherited The Point, oddly engineered, customer facing, ReactJS/Redux, loan creation app, front-end. Provided guidance on code standards, preformed code reviews in small cross functional team.

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

- Updated app for new MISMO loan data standard on a deadline, and assisted backend team in mapping data.
- Recognized on 2 separate occasions for quick and flawless implementation of high visibility, front end changes / re-branding.
- Created a proof of concept React app for the Home Ownership Platform, a loan servicing application.
- Provided internal customer support for the Ubuntu CMS, and database scripts.
- 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. Worked solo, mostly to create or update client sites. Communicated with customers and set expectations.

- Refactored boilerplate markup template, making it fully responsive, using HTML5 and CSS3 (Sass/SCSS), allowing the company to sell the fully responsive theme as an upgrade.
- Earned a reputation as the preferred developer for picky clients such as Nancy Meyer, Golf Galaxy, and Joes Jeans.

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

TESTING:

Unit testing, Test coverage, Jest

SECURITY:

OWASP best practices

VERSION CONTROL:

Git, Subversion, Perforce

AGILE DEVELOPMENT:

Sprint planning, Scrum, CI/CD

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
Academy of Art University 96. Illustration
San Francisco State 89, Philosophy
Oberlin 86-87, Philosophy