

Max Jacobson

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Skills

Languages/Frameworks: JavaScript, Java, PHP (Laravel, Node JS (Express), MySQL, PostgreSQL, HTML/CSS

Angular, React, Vue JS, Ionic, Pixi JS, Electron

Tools:

Git, Unix, Jira, XCode, Android Studio

Work Experience

Praesidium

St. George, UT

SOFTWARE ENGINEER

Oct 2021 – Present

- Developed iOS/Android apps for our non-contact, vital sign detection technology
- Developed functionality to connect IoT device to internet via app
- Utilize MQTT to communicate with device and display live vital sign data on the app (heart rate, respiration rate, etc)

Cooper Technology

Remote

SOFTWARE ENGINEER

Aug 2018 – Oct 2021

- Architected and developed custom component library to fit our custom needs (Date Picker, Select Box, Input, Modal, Data Table etc)
- Developed Android/Ios App using Ionic to allow farmers to scan the tags of their cattle to keep track of their health
- Completely rebuilt front-end Application from scratch using the latest Angular framework
- Designed a schematic layout of Farm equipment using Pixi JS where farmers can view the status of their equipment in real time

Practicum by Yandex

Remote

WEB DEVELOPMENT TUTOR (CONTRACT)

Feb 2021 – January 2022

- Led a cohort of 20+ students with no previous experience in the tech industry through a rigorous 10-month program
- Taught HTML/CSS, responsive design, React, back-end architecture, etc
- Conducted video webinars, & live coding sessions on a regular basis

JTC Solutions

Remote

SOFTWARE ENGINEER (CONTRACT)

Sept 2020 – Oct 2021

- Built inventory management system for pharmaceutical company
- Met regularly with stakeholders to demo product and discuss feedback for product improvements

Awardco

Orem, UT

LEAD FRONT-END ENGINEER

Apr 2019 – May 2020

- Led the conversion of our website from JQuery to VueJS, which in turn reduced codebase by 10,000+ lines of code
- Restructured entire front-end codebase to hit accessibility standards (WCAG 2.0 Compliant)
- Led the charge in adopting BEM guidelines to improve CSS readability and predictability
- Managed a small team of Front-End Engineers, interviewing potential team members, and ensuring the team delivers projects on time

SkillAmp

Remote

SOFTWARE ENGINEER (CONTRACT)

Oct 2017 – Nov 2018

- Designed and built multi-tenant SaaS application from the ground up using Angular, NodeJS, & PostgreSQL

Torch LMS

Lehi, UT

SOFTWARE ENGINEER

Aug 2016 – Apr 2019

- Reduced reporting API endpoint response times from several minutes to fewer than 10 seconds by optimizing SQL queries
- Improved page render times by 5-10 seconds by adding pagination to all tables throughout the site
- Grew the Infrastructure from one production environment to five with over 300 company "site instances" in AWS
- Worked up until acquisition by Absorb LMS

Education

Dev Mountain

Provo, UT

SOFTWARE ENGINEERING

Apr 2016 – Aug 2016