Zac Klammer

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SUMMARY

I'm a front end software engineer with 5+ years experience in JavaScript and 3+ years in React. I currently work at AssetWatch, where I use React to build a beautiful UI that interacts with complex relational data. Prior to working in software, I was a mechanical engineer working in the energy industry.

PROFESSIONAL EXPERIENCE

Full Stack Engineer, *AssetWatch* ⬈ Jul 2022 – present | Remote
Continuous monitoring of critical manufacturing equipment to prevent downtime
- React, JavaScript/HTML/CSS, CanvasJS, AWS Lambda, MySQL
- Developed a Platform Health page to give users visibility into health of various services
- Added ability to toggle synchronization of the zoom and pan of multiple CanvasJS charts
- Led migration from Moment to Luxon
- Developed minimizable modals that stack when minimized
- Introduced Prettier to the codebase and standardized it with the front end team
- Eliminated several high severity npm vulnerabilities through upgrading and migrating packages

Software Engineer II, *Prodly* ⬈ Dec 2020 – Jul 2022 | Remote
Taking the complexity out of managing Salesforce
- React, JavaScript/HTML/CSS, Styled Components, Vitest, Node.js, Salesforce API, AWS
- Developed query builder that lets users create SOQL (Salesforce flavor of SQL) with clicks instead of code
- Implemented a dependency management UI for Salesforce metadata to notify the user about missing dependencies before deploying
- Second highest receiver of 'tacos' out of 55 employees from HeyTaco , a coworker recognition app in Slack

Co-founder & Software Engineer, *Maestro* ⬈ May 2020 – Dec 2020 | Remote
An open-source framework for rapidly deploying and iterating on serverless workflows that use AWS Step Functions
- Built easy-to-use CLI that abstracts away complex deployment logic, downloadable as an NPM package
- Created common templates for AWS Step Functions with the declarative, JSON-based Amazon States Language
- Wrote custom retry/backoff logic to ensure Lambda functions and state machines were created with proper roles
- Co-authored technical case study that explores the area of serverless orchestration, existing solutions in the problem space, and the process of creating Maestro – maestro-framework.github.io ⬈

Software Engineer, *Baytek International* Jan 2019 – Feb 2020
Laboratory Information Management System
- React, Ext JS, JavaScript/HTML/CSS, AWS, C#, SQL Server, Oracle
- Contributed toward the development and testing of Baytek's LIMS, a cloud-based web app

Full Stack Web Developer, *Self-Employed* Aug 2017 – Dec 2018
Built several open-source projects using technologies such as React, Redux, Rails, PostgreSQL, HTML, and CSS

Project Manager & Mechanical Engineer, *Southcross Energy* Mar 2014 – Aug 2017
Managed multi-million dollar midstream construction projects from initiation to completion

EDUCATION

Software Engineering, *Launch School* ⬈ 2017 – 2020 | Remote
An online school that teaches software fundamentals with a Mastery-Based Learning pedagogy
launchschool.com/employers ⬈

Bachelor of Science - Mechanical Engineering, *Texas A&M University* 2008 – 2013 | College Station, TX

ORGANIZATIONS

Agape Ranch, *Respite Care Provider* 2018 – 2020
Trained and certified to provide temporary childcare for foster children