Zac Klammer

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SUMMARY

I'm an experienced software engineer looking for my next opportunity in a remote role. I recently created Maestro, an open source framework for serverless orchestration. Prior to working in software, I was a mechanical engineer working in the energy industry.

PROFESSIONAL EXPERIENCE

Co-founder & Software Engineer, *Maestro* ⧉   Jun 2020 – present
An open source framework for rapidly deploying and iterating on serverless workflows using AWS Step Functions, AWS Lambda, and AWS IAM
- Conducted extensive research in the area of serverless orchestration to justify the need for Maestro
- Adhered to Agile best practices to develop the framework with two other remote engineers
- Built easy-to-use CLI that abstracts away complex deployment logic, downloadable as an NPM package
- Optimized speed of workflow deployment and teardown by leveraging AWS SDKs and designing Maestro to execute commands asynchronously
- 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 ⧉

Full Stack Web Developer, *Open Source Projects*   Aug 2017 – present
Built several open source projects using technologies such as React, Redux, Rails, PostgreSQL, HTML, and CSS
- Reaction: A Trello-like application built with a React and Redux front end and Ruby on Rails back end
- Postit: A Reddit-like application built with Rails and PostgreSQL which allows authenticated users to create, comment, upvote or downvote posts
- Airline Routes: An application that allows users to view and filter airline routes on a clickable SVG map

Software Engineer, *Baytek International*   Jan 2019 – Feb 2020
- Built Microsoft Word plug-in for creating product analysis templates using Visual Studio Tools for Office
- Restructured user roles of company's core software offering to provide more granular permissions
- Assisted senior engineer to integrate third party gas chromatograph software

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

TECHNOLOGIES

Back End	Front End	Cloud	Other
Node.js	*JavaScript (ES5 & ES6+)*	*AWS Step Functions*	*HTTP*
Ruby	*React/Redux*	*AWS Lambda*	*REST*
Rails	*jQuery*	*AWS IAM*	*OOP*
Sinatra	*Handlebars.js*	*Heroku*	*Git/GitHub*
C#	*HTML/CSS*		
SQL			

EDUCATION

Software Engineering, *Launch School* ⧉   2017 – 2020 | Remote
An online school that teaches software fundamentals from 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 – present
Trained and certified to provide temporary childcare for foster children