John Isom

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PROFESSIONAL EXPERIENCE

Co-Creator & Software Engineer   May 2020 – present
Maestro
Open-source easy-to-use framework for quickly bootstrapping, deploying, and rapidly iterating serverless orchestration workflows with AWS IAM, AWS Lambda, and AWS Step Functions.
Read the case study here: https://maestro-framework.github.io/ ⬀

- Leveraged asynchronous Node.js® execution to improve deployment and teardown time to be lightning fast.
- Created a framework that is over 60x faster to deploy than the fastest competitor (AWS SAM).
- Built a robust and easy-to-use CLI that abstracts away complex deployment logic, available as an npm package.
- Wrote detailed yet concise documentation and man pages for each CLI subcommand.
- Co-authored a detailed case study that explores the area of serverless orchestration, existing solutions in the problem space, and the process of creating Maestro (https://maestro-framework.github.io/ ⬀).
- Pioneered a greenfield project in a niche space.
- Collaborated daily with a 100% remote team of engineers.

Full-Stack Developer   Jul 2019 – present
Self-Employed
Developed a variety of open source web apps using Ruby, Rails, JavaScript, Node.js, React.js, HTML, CSS, and SQL.

- Reaction: A Trello-like organization board built with React.js, Redux, PostgreSQL, and Rails; powered by a RESTful API.
- Just Postit: A Reddit-like social app built with Bootstrap, Rails, and PostgreSQL; deployed to Heroku.
- The Time Manager: A time-tracking application that helps track study/work time, built with OOP-designed Ruby and the Sinatra framework.

LANGUAGES AND TECHNOLOGIES

Languages	Frameworks	Cloud	Other
JavaScript (ES5 & ES6+)	*Rails*	*AWS Step Functions*	*GNU/Linux*
Ruby	*Sinatra*	*AWS Lambda*	*Git & GitHub*
SQL	*React.js & Redux*	*AWS IAM*	*IP; TCP; UDP; HTTP; TLS*
HTML5 & CSS3	*jQuery*	*Heroku*	*OOP*
Python	*Handlebars.js*		*Agile*

EDUCATION

Launch School   Aug 2019 – May 2020
Software Engineering
A rigorous online school for software engineers with a Mastery-Based Learning pedagogy.
launchschool.com/employers ⬀
- Achieved straight A's and A+'s in all rigorous assessments

CERTIFICATES

Triplebyte Generalist ⬀
Awarded to those who score in the top 10% of test takers on the Triplebyte generalist software engineering assessment.