

Amila Welihinda

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Education

- San Jose State University
- Main Courses
 - Data Structures and Algorithms
 - Discrete Math
 - Programming Paradigms


Experience

 **Open Source Contributor** 2015 - Present
 github.com/amilajack



Recently, I have been contributing to OS projects. Currently I have roughly **4,000+ github contributions** over the course of **12 months**. This taught me how to work in teams and how to properly contribute code and quickly adapt to new codebases, code styles, and technology.


MylkGuys Software Engineering Consultant February 2019 - present
 mylkguys.com



Migrating application to server side rendering with React. Applying **advanced compiler optimization techniques** for optimal page load and time-to-interactive metrics. Used SSR, minfication tools, lazy loading, code splitting, and other techniques for optimization.



Truly Wireless Software Engineering Consultant March 2017 - October 2017
 truly.co
Address application performance and development issues company, which application built on top of my project **electron-react-boilerplate**. Also made contributions to application itself.


Projects

falcon Owner 2000+ stars
 github.com/falcon-client/falcon
Goal: An electron and react based cross-platform database client
Stack: **JS** ES6, ES7, Node  ESLint

popcorn-time-desktop Owner
 github.com/amilajack/popcorn-time-desktop
Goal: A movie streaming client built on Electron, React, Redux, Flow, SASS, WebRTC, and other web technology.
Stack: **JS** Node

xwing Owner
 github.com/amilajack/xwing
Goal: A Star Wars xwing game made with WebGL, Three.js, React, and Webpack
Stack:  React 15 **JS** ES6, ES7, Node

eslint-plugin-compat Owner 2000+ stars 350K downloads/month
 github.com/amilajack/eslint-plugin-compat
Goal: A code checker that ensures browser compatability
Stack: **JS** ES6, ES7, Node  ESLint

compat-db Owner
 github.com/amilajack/compat-db
Goal: A database which holds all the compatability records for every browser. The goal is to automate browser compatibility testing of APIs.
Stack: **JS** Node


Skills


Concepts
Data Structures, Algorithms, Functional Programming

Languages


JS JavaScript - 8 years


TS TypeScript - 3 years


 Rust - 1 year



 Python - 1 year

Frameworks / Libraries

 React - 5 years

 Node - 5 years

 Electron - 4 years

 **Uber** Software Engineering Contractor December 2016 - January 2017
 uber.com



I worked on **Uber’s Open Source visualization projects**, which included **react-vis** (github.com/uber/react-vis). I refactored, optimized, and documented react components and provided the infrastructure to have their docs hosted.




PopSQL Software Engineering Consultant December 2017 - February 2018
 popsql.com



Apply compiler optimization techniques to improve app performance. Address critical bug fixes dependent on open source software. company, which application built on top of my project **electron-react-boilerplate**.



Fertona Founder December 2011 - September 2016
 fertona.com

Fertona is a social ecommerce platform that connects buyers with sellers. Sellers can create a store front and have users follow them. Upon sellers publishing product updates, buyers who follow the sellers will receive updates in their newsfeed.

drum-machine Owner 18 stars
 github.com/amilajack/drum-machine
Goal: A drum machine build with Vue and the web audio API
Stack: **JS** ES6, ES7, Node  ESLint

electron-react-boilerplate Owner, Lead Developer 12K+ stars
 github.com/electron-react-boilerplate/electron-react-boilerplate
Goal: Provide a framework for electron developers to build off of. It provides sane configuration and incorporates the best of modern JS practices. Built with React, Redux, Flow, SASS, and Webpack.
Stack:  React 15  Electron **JS** ES6, ES7, Node

fertona Owner
 fertona.com
Goal: A social ecommerce platform built for buyers and sellers. Built with Angular, Laravel, Webpack, and others.
Stack:  React 15 **JS** ES6, ES7, Node

eslint-plugin-flowtype-errors Owner 103K downloads/month
 github.com/amilajack/eslint-plugin-flowtype-errors
Goal: Run Flow as an ESLint plugin
Stack: **JS** ES6, ES7, Node  ESLint

electron-react-boilerplate Owner 600+ commits 11K+ stars
 github.com/electron-react-boilerplate/electron-react-boilerplate
Goal: Provide a framework for electron developers to build off of. It provides sane configuration and incorporates the best of modern JS practices.
Stack:  React 15  Electron **JS** ES6, ES7, Node