

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.

MylkGuysSoftware Engineering ConsultantFebruary 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 WirelessSoftware Engineering ConsultantMarch 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

Owner2000+ 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

Owner2000+ stars350K 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


ConceptsData 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 ContractorDecember 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.

PopSQLSoftware Engineering ConsultantDecember 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**.


FertonaFounderDecember 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

Owner18 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 Developer12K+ 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

Owner103K 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

Owner600+ commits11K+ 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