

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

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. 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

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

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

Skills

Concepts

Data Structures, Algorithms, Functional Programming

Languages

JS JavaScript - 8 years

TS TypeScript - 3 years

 Python - 1 year

 Java - 2 years

Frameworks / Libraries

 React - 5 years

 Node - 5 years

 Electron - 4 years

Uber Software Engineering Contractor December 2016 - January 2017

Improved build process, refactored and improved documentation of **Uber's Open Source visualization projects**, which included react-vis (github.com/uber/react-vis). I worked closely with Uber's onsite team and helped them make decisions on the project's infrastructure.

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**. Also made contributions to application itself.

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.

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

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

react-vis Owner

 github.com/uber/react-vis

Goal: Uber's open source data visualization components written in React. I actively contributed to this project when working as a contractor for uber.

Stack:  React 15 **JS** ES6, ES7, Node