Amila Welihinda

✉ amilajack@gmail.com   📞 510-552-4814   👤 amilajack.com   github.com/amilajack   in /in/amilajack/

Education

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

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

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.

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.

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

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-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

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

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

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