Amila Welihinda

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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
- Python - 1 year
- Java - 2 years

Frameworks / Libraries

- React - 5 years
- Node - 5 years
- Electron - 4 years

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

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.

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

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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

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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

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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-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

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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

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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

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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