

# 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](https://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 ConsultantFebruary 2019 - present

 [mylkguys.com](https://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 ConsultantMarch 2017 - October 2017


 [truly.co](https://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](https://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](https://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](https://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


 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](https://uber.com)

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

**PopSQL**Software Engineering ConsultantDecember 2017 - February 2018

 [popsql.com](https://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**FounderDecember 2011 - September 2016

 [fertona.com](https://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](https://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](https://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](https://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