

# JACKSON LEE

## SENIOR SOFTWARE ENGINEER/WEB DEVELOPER

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### Skills

**JavaScript:** Angular9, NgRx, ES6, Typescript, React, Redux, D3, Node/Express, jQuery;

**Python:** Django;

**Ruby:** Rails;

**PHP:** Laravel, Drupal, Wordpress;

**Unity:** C#;

**TDD/Code Quality:** Cypress, Jasmine, Jest, Karma, Rspec, Cucumber, SonarQube;

**Databases:** PostgreSQL, MySQL, MongoDB, Redis, Firebase, Oracle, Pentaho;

**DevOps:** AWS, Docker, Bamboo, VirtualBox, Vagrant, Jenkins;

**HTML5/ CSS:** SASS, Foundation, Bootstrap, HTML Email Campaigns, Material Design;

**ElasticSearch, Solr, SEO, A/B Testing, API, ExactTarget, Sailthru, Solidworks.**

### Education

#### General Assembly

Web Development Immersive

#### Case Western Reserve University (CWRU)

B.S. | Chemical Engineering, Polymer Science

B.S. | Polymer Science and Engineering

Minor | Japanese Studies

### Activities

#### Fullstack Web Development Mentor

CareerFoundry | Feb 2019 - Present

2U | Nov 2018 - July 2019

### Languages

*English* (Fluent)

*Spanish* (Proficient)

*Japanese* (Conversational)

*Chinese/Cantonese* (Conversational)

### Experience

#### Front-end Engineer | Zipari Feb 2020-Present

Improved product quality by expanding features and upgrading UI

Developed internal testing tools using Cypress to support long term maintenance of the product for an evergrowing client base

Maintained and extended user tracking analytics service to integrate with third-party providers to measure key performing metrics (KPI)

Supported company goals and deliverables through continuous collaboration with a fully functional engineering team and providing remote support

Expanded configuration of a highly modularized system to support incoming client requests

Refactored large legacy application to migrate from data services to reactive state management using NgRx for better-controlled data management

#### Senior Front-end Engineer | Signafire May 2018-July 2019

Improved product through versioned development of new product features using agile methodology

Improved product stability and consistency by replacing deprecate legacy system and implementing major application-wide refactor of Angular components and services

Led initiative to refactor and implement new data visualization tools using D3.js

Improved product boilerplate and reduced development speed by assisting in the architectural development of custom design system

Improved code stability by promoting type safety standards

Supported management and client relations by leading technical discussions and providing time estimations

#### Software Engineer | Accenture April 2017-May 2018

Developed, from the ground up, a modernized global asset exchange system responsible for multi-billion dollar transactions

Improved site accessibility and usability by adhering to 508 compliance methodologies

Improved code consistency and development reliability by continuous maintenance of various documentation (i.e style guide, angular components)

Improved team collaboration by training, mentoring, and onboarding new junior developers and hires

Lead development team to ensure all committed stories are completed by end of sprint iteration

Devised and implemented architectural patterns to standardize and increase development velocity and reliability

#### Software Engineer | InsideHook Sep 2015 - Jan 2017

Expanded product by developing new internal tools for content delivery and content management

Improved customer engagement by optimizing product's SEO

Increase product visibility and traffic results by focusing on mobile-friendly responsive design

Improved business decisions by developing custom analytics service to keep track of key customer engagement metrics

Expanded content engagement by developing automated processes to deliver product content through third-party APIs

#### Contractor | November 2014-Present

##### Igicom | Jan 2017 - April 2017

Developed custom sites by collaborating with high-profile third-party clients using Wordpress, Drupal, Javascript, HTML/SASS

##### HowAboutWe | April 2015 - June 2015

Assisted in UX decisions by gathering metrics data from MySQL and PostgrSQL DB for various A/B tests