

JACKSON LEE

SENIOR SOFTWARE ENGINEER/WEB DEVELOPER

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Skills

Javascript: Angular9, ES6, Typescript, React, Redux, D3, Node/Express, jQuery;

Ruby: Rails;

PHP: Laravel, Drupal, Wordpress;

Unity: C#;

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

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

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 - Present

Open Source

Exodia (Blockchain | Game Marketplace)

Languages

English (Fluent)

Spanish (Proficient)

Japanese (Conversational)

Chinese/Cantonese (Conversational)

Experience

Front-end Engineer | Zipari Feb 2020-Present

Enhanced product completeness by developing new features and ensure audit success

Improved code quality by breaking down monolithic code into smaller modules

Improved type safety by implementing architectural constraints with Typescript

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

Carried out development and implementation of new client features.

Assisted in planning and development of custom responsive frontend framework

Assisted in major application-wide refactor of Angular components and services.

Devised and implemented key Angular and Typescript software and engineering patterns and abstract classes and HTTP interceptors.

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

Led discussions on major framework, time estimation and architectural decisions.

Software Engineer | Accenture April 2017-May 2018

Developed, from ground up, a modernized global system responsible for multi-billion dollar transactions using HTML5, SASS, and Angular5/TypeScript.

Improved development lifecycle by training, mentoring and onboarding new junior developers and hires.

Improved accessibility and usability by adhering to 508 compliance methodologies.

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

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

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

Software Engineer | InsideHook Sep 2015 - Jan 2017

Developed software for content management and content delivery with PHP, Javascript, HTML/SASS and MySQL.

Expanded Insidehook's social network by designing processes to create markup for Facebook Instant Article on content creation.

Created more engaging content on the site by developing new engaging features for editors using PHP and Javascript.

Increased content engagement by developing custom modules that easily integrate third-party web services such as Facebook Instant Article, Facebook Dynamic Ad and RSS Feed.

Increased site traffic by developing automated processes to remove dead links, manage meta data and update sitemaps to optimize SEO ranking.

Maintain site's behavior by managing and maintaining Insidehook's Selenium repo.

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 PostgreSQL DB for various A/B tests.

Improved productivity of internal team and PM by automating business process.