JACKSON LEE

SENIOR SOFTWARE ENGINEER | FULL STACK WEB DEVELOPER | AUTOMATION | DEVICES

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Skills

Javascript: React16, Redux, Angular16, NgRx, Typescript, ES6, Node/Express, D3, jQuery;

Python: Django;

Ruby: Rails;

PHP: Laravel;

TDD/Code Quality: React Testing Library, Jest, Jasmine, Karma, Rspec, Cucumber, SonarQube;

Automation: Cypress, Browserstack;

Devices: Chromecast, Android, IOS;

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

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

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

REST API, Code Reviews, ESLint, CI/CD, Wix, ElasticSearch, Solr, SEO, A/B Testing;

Education

General Assembly
Full Stack Web Development Immersive

Case Western Reserve University (CWRU)
B.S. | Chemical Engineering, Polymer Science
B.S. | Polymer Science and Engineering
Minor | Japanese Studies

Activities

Full Stack Web Development Mentor
CareerFoundry | Feb 2019 - April 2022
2U | Nov 2018 - July 2019

Languages

English (Fluent)
Spanish (Proficient)
Japanese (Conversational)
Chinese/*Cantonese* (Conversational)

Certificates

Google Career
Digital Marketing & E-commerce | Current enrolled

Experience

Software Engineer | **Department of Labor** May 2023-Jan 2024
Skills: Angular16, Jenkins, SQL, Typescript, Javascript, HTML/CSS, API

Managed deployment processes, ensuring seamless releases of software updates and enhancements in Angular.

Implemented new features to expand and enhance software functionality.

Updated frontend libraries to the latest version to maintain technological relevance.

Developed a comprehensive design system to ensure consistent, scalable, and efficient UI components across applications.

Software Engineer | **Peacock: NBC** July 2022-May 2023
Skills: React16, React Testing Library, Node/Express, Jenkins, Automation, Devices, Typescript, Javascript, HTML/CSS, API

Expanded clients and product by delivering new features end-to-end to video software development kit (CVSDK) with React.

Enhanced analytics, failure prevention, and measure key performing metrics (KPI) by implementing multiple reporting libraries.

Researched and designed central tool to automate device testing and browser testing.

Supported CVSDK maintenance for various devices (Chromecast, SmartTV) and browsers.

Improved development lifecycle with unit tests, code reviews, and CI/CD merge requests.

Front-end Engineer | **Zipari** Feb 2020-July 2022
Skills: React16, Redux, Cypress, Node/Express, Python, Django, Docker, AWS, SQL, Typescript, Javascript, HTML/CSS, API

Improved product quality by expanding features and upgrading UI with React.

Developed internal testing tools using Cypress to support long-term maintenance for an ever-growing client base.

Maintained and extended user tracking analytics services to integrate with third-party providers, measuring key performance 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 a large legacy application, migrating from data services to Redux for improved state management.

Senior Front-end Engineer | **Signafire** May 2018-July 2019
Skills: React16, Redux, Node/Express, Docker, Jenkins, AWS, SQL, Typescript, Javascript, HTML/CSS, API

Improved product through versioned development of new features using Agile methodology with React.

Enhanced product stability and consistency by replacing deprecated legacy systems and implementing a major application-wide refactor of UI components and services.

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

Improved development speed by assisting in the architectural development of a custom design system.

Enhanced 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
Skills: Angular16, NgRx, Jenkins, AWS, SQL, Typescript, Javascript, HTML/CSS, API

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

Improved site accessibility and usability by adhering to 508 compliance methodologies.

Enhanced code consistency and reliability through ongoing documentation maintenance (design guides, UI components).

Fostered team collaboration by training, mentoring and onboarding new junior developers.

Led development team to ensure all committed stories were completed by the end of each sprint.

Devised and Implemented architectural patterns to standardize and boost development speed and reliability.

Software Engineer | **InsideHook** Sep 2015 - Jan 2017
Skills: Ruby, Rails, PHP, Laravel, AWS, SQL, Javascript, jQuery, HTML/CSS, API

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

Improved customer engagement by optimizing product SEO.

Increased product visibility and traffic by focusing on mobile-friendly responsive design.

Enhanced business decisions by developing custom analytics services to track key customer engagement metrics.

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