

Juliet Shin

Software Engineer

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Technical Skills

Javascript, Node.js, React, Redux, Recompose, Express, NextJS, TypeScript, Apollo GraphQL, Git/Github, React Testing Library, Mocha, Jest, HTML5, CSS, CSS Modules, Sass, webpack, Babel, NPM, MySQL, MongoDB, Jira/Confluence, Docker, Splunk, Jenkins, Bitbucket, WebdriverIO, Perl, PHP, AWS [Basic]

Professional Summary

Over 20 years of experience in client-side and server-side web development, with expertise in managing and leading large-scale projects to build and redesign sites.

Experience

PAYPAL | TECH LEAD | SAN FRANCISCO, CA | JAN 2022 - APR 2023

Her depth of knowledge in modern front-end technologies(JavaScript, React, GraphQL, HTML, CSS) and server-side technology, coupled with her ability to lead cross-functional teams, has consistently resulted in the successful execution of complex projects. ~ Sr. Staff Engineering Mgr.

- Led frontend, agile development team for the checkout payment process on PayPal.com using client-side rendering (CSR) using React-based node app and TypeScript, with Express frameworks and Apollo GraphQL.
- Created new features for the checkout team for “Buy Now Pay Later” products, consulting with product, analytics, UX/UI design, backend API teams and architects.
- Implemented A/B testing and unit and functional testing using Jest, React Testing Library, and webdriverIO
- Tested apps and APIs and debugged and fixed issues across multiple browsers.
- Monitored health of apps using Splunk.
- Mentored developers, provided technical direction for team, led scrum ceremonies, managed and organized tech debt backlog, and conducted PR reviews.
- Built accessible web applications and incorporated automated accessibility tests
- Regularly investigated and resolved Failed Customer Interactions and participated in live support on-call rotations to support incidents.
- Conducted and oversaw releases for checkout apps across CI/CD pipelines.

PAYPAL | EXPERT PROGRAMMER ANALYST | SAN FRANCISCO, CA | NOV 2015 - JAN 2022

- Built and maintained web applications and implemented new system design to make our code more scalable and reusable by rewriting our online money transfer web applications to use Node.js, React, Express, and Redux on virtual environments using Docker containers.
- Architected new functionality for the Remittance app, integrating Xoom's transaction flow with PayPal's which improved conversion rates.
- Built responsive pages using mobile-first approach using the latest CSS features, and built tools to incorporate PayPal's react components into Xoom's website.
- Worked with MySQL database to query data when debugging and testing apps
- Contributed to work on backend RESTful API built with Node.js
- Oversaw app releases, and monitored metrics, errors and failures using Splunk and Grafana, and tested page performance using Lighthouse and WebPageTest tools.
- Provided PR reviews using Bitbucket and implemented source control using Git and JFrog Artifactory Docker registry.
- Implemented unit tests using Jest, Mocha, Enzyme.
- Created and maintained shared node libraries to manage authentication, analytics, cookies, localization, metrics and A/B testing for our node apps.
- Collaborated with backend and front-end developers, product, UX/UI design, analytics and QA teams as part of agile development processes.
- Led efforts to prioritize web accessibility, and helped to standardize the use of VoiceOver and browser tools, such as WAVE and axe-core, as part of the testing process.
- Updated email templates as part of a major redesign project, and did thorough testing across multiple email clients and operating systems using email testing platforms such as Email on Acid

XOOM CORP | EXPERT PROGRAMMER ANALYST | SAN FRANCISCO, CA | JUL 2011 - OCT 2015

- Developed new pages and functionality for a multi-year, total redesign of the send-money flow, working with a small team of front and back-end developers, product and designers. New features included the use of a transaction summary, new accordion pages providing options for payment methods, recipient selection, and disbursement methods. Development was done using mobile-first approach, and accessibility was prioritized. Pages were built using JavaScript, JQuery, JSP/JSTL, Freemarker, HTML5, CSS, Bootstrap grids for layouts and Sass preprocessor.

FORWARD MANAGEMENT | FRONTEND DEVELOPER | SAN FRANCISCO, CA | AUG 2003 - JUL 2011

- Designed, created and managed four company websites for Forward Management.
- Websites built using HTML/CSS/JavaScript/PHP/MySQL, and employed analytics tracking using Google Analytics.

LOGICIEL, INC | PROJECT MANAGER/PROGRAMMER | ALAMEDA, CA | AUG 2002 - JUL 2003

- Programmed applications using VB6 and VB.NET for Logiciel's retail products.
- Responsibilities included project management, programming, creation of product manuals, QA, technical support and liaison to our clients.

ASIAN AMERICAN THEATER CO | WEB DEVELOPER | SAN FRANCISCO, CA | FEB 2002 - APR 2003

- Designed, built and maintained theater website, and created flyers and postcards for performances.

DIGIGUYS | PART-TIME CONTRACTOR | SAN FRANCISCO, CA | APR 2002 - JUL 2002

- Developed web pages for clients using VBScript, ASP, Transact SQL, MS Access, HTML, DHTML, CSS, JavaScript, and some ASP.NET. Participated in marketing strategies and research.

EMBARK | WEB DEVELOPER | SAN FRANCISCO, CA | JUL 1999 - OCT 2001

- Developed tools using ASP, VBScript, HTML, CSS, JavaScript, and MSSQL.
- Worked with partner companies, such as FT.com, NBCi and Wired Scholar to create their jump pages to and from the Embark site.
- Assisted in database design and re-architecture of Embark's data model for school searches and listings.

Volunteer

TAPROOT FOUNDATION | WEB DEVELOPER | SAN FRANCISCO, CA | OCT 2001 - JAN 2002

- Created a website for the Equal Rights Advocates non-profit organization, working closely with an Information Architect and Graphic Designer.

Education

UNIVERSITY OF CALIFORNIA BERKELEY | GEOLOGY

Training and Certification

SPLUNK CERTIFIED USER - 2017

UNIX/LINUX SYSTEM ADMINISTRATION CERTIFICATION - 2010