**Jaswanth Kishore Yarram**

**ReactJS Developer**

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**PROFESSIONAL SUMMARY**

* 7+ years of experience in developing Java, TypeScript, Python, React native Application Development, web-based, client-based applications, AWS technologies.
* Experience in creating and designing front-end user interfaces using HTML/HTML5, CSS2/3, AJAX, DOM, JSX, JSON, JavaScript, React native, React.Js, Redux, Bootstrap, NodeJS.
* Experience in all phases of software development life cycle (SDLC), which includes User Interaction, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Deployment.
* Experience in client-side languages & frameworks like JavaScript, TypeScript, React.Js, React-Native, server-side languages like Node.js.
* Familiar with modern build tools for web applications, including npm, yarn, LESS, NPM, Git, bitbucket
* Hands on experience working and customizing CSS Frameworks like Bootstrap.
* Developing React native Applications for both android and iOS with native bridging.
* Solved critical UI problems.
* Made the UI components reusable. Experience with StyleSheets.
* Worked with RnD team to find out the solutions to the problems During Development.
* Sound knowledge in working with browsers compatibility issues with browsers like IE, Firefox, safari, Opera, Chrome.
* Expertise working with debugging tools like Chrome Developer Tools; Sound knowledge about Profiling and Optimizing a Single Page Application (SPA).
* Experience using all popular text editors like Atom, WebStorm, Eclipse, Sublime Text, and Notepad++.
* Hands on experience with using Version Control Systems (VCS) tools like SVN & Git & bitbucket.
* Results-oriented and highly skilled Java Developer with extensive experience in fullstack development.
* Proficient in Core Java concepts including OOP, multithreading, and collections.
* Developed RESTful APIs using Java, creating robust and efficient backend services.
* Developed and consumed SOAP and RESTful web services using Java technologies.
* Good in communicating with clients, customers, managers and other teams in the enterprise at all levels.
* Curious about new Front-End development technologies and has ability in mastering them with a keen awareness of new industry developments.
* Designed and developed near real-time distribution system for accurately locating packages inside warehouses which increased One Day Delivery efficiency by ~10%
* Designed ML model to detect late packages and helping to prioritize inside Amazon FCs achieving 73% in accuracy.
* Improved forecast runtime by 80% using multithreading and concurrency over legacy code.
* Deployed the OpenSearch Serverless to 8 regions which is the initial GA release for the customers which has a market of 1billion$ to date
* Designed and developed Operations UI which makes easier to debug the customer issues and resolve them faster by 90% and this system helped resolve the issues before it was customer impacted by using the alarms.
* Created a monitoring dashboard to check the failures in the collections and the Canary failures which is used by Operations people to help resolve them which helped developers to resolve issues for the customers.
* Designed and developed Metrics for the availability that was reviewed the Business people on weekly basis help improve the availability of the service by 12%.

**TECHNICAL SKILLS:**

**languages & Web Technologies** HTML/HTML5, CSS/CSS3, JavaScript, TypeScript, JSON, Ajax, LESS, Bootstrap, Foundation, Github, MySQL, Python, RESTful APIs, Java, Spring, OOPS, Angular, jQuery, Bootstrap, AJAX,

**Frameworks & Libraries** Node.js, React.js, Angular, Redux.Js, React-Native, MongoDB, AWS, EC2, S3, Lambda, D3, Ionic

**IDE & Editors** Atom, Sublime Text, IntelliJ, Notepad++, Eclipse, Microsoft Visual Studio

**Debugging Tools** Chrome Developer Tools, Firebug, W3C Validator, Git, Browserstack

**Database** MongoDB, MySQL, Oracle11g

**Operating Systems** Windows 7, OSX, Linux

**PROFESSIONAL EXPERIENCE**

**Walmart, Austin, TX December 2022 - Present**

**Software Development Engineer**, Front end Developer

(ReactJS, JavaScript, TypeScript, Redux, jQuery, HTML, CSS, Bootstrap MySQL, Java)

 **Responsibilities:**

* Created New Mexico Walmart SPT ReactJS Application which has multiple user access for drivers, Hub owners and 3rd party services, each login has different UI visibility.
* Updated Mexico SPT Website from legacy to the ReactJS website and created new APIs for consuming using the Java Spring Boot applications with MsSQL Database server.
* Spearheaded the development of a dynamic customer feedback dashboard using React.js, Redux, and Bootstrap, resulting in a 20% increase in user engagement and actionable insights for improving customer satisfaction.
* Implemented responsive user interfaces utilizing Bootstrap framework, ensuring seamless user experiences across various devices and screen sizes for Walmart's e-commerce platform.
* Led a team of developers in the migration of legacy frontend code to modern React.js components, resulting in improved code maintainability and enhanced performance.
* Developed and maintained scalable React.js components for inventory management systems, optimizing workflows for store associates and reducing operational overhead by 15%.
* Integrated Redux for state management in complex data-driven applications, enhancing performance and enabling efficient data flow between components within Walmart's internal systems.
* Collaborated with cross-functional teams including designers and backend developers to deliver feature-rich user interfaces aligned with Walmart's brand guidelines and business requirements.
* Implemented Redux middleware for asynchronous data fetching, enhancing the responsiveness and real-time capabilities of Walmart's web applications.
* Actively participated in code reviews and provided constructive feedback to team members, fostering a culture of continuous improvement and knowledge sharing within the development team.
* Conducted training sessions on React.js, Redux, and Bootstrap for junior developers, accelerating their onboarding process and fostering their professional growth within the organization.
* Stayed updated with the latest trends and best practices in frontend development, proactively suggesting innovative solutions to enhance Walmart's digital products and services.

**Amazon, AWS, Austin, TX Feb 2022 – December 2023**

**Software Development Engineer**

**Responsibilities:**

* Developed Website for Operations Realted website using the TypeScript ReactJS, react-redux and flux to have information related to Operations.
* Designed and developed near real-time distribution system for accurately locating packages inside warehouses which increased One Day Delivery efficiency by ~10%
* Designed ML model to detect late packages and helping to prioritize inside Amazon FCs achieving 73% in accuracy.
* Improved forecast runtime by 80% using multithreading and concurrency over legacy code.
* Deployed the OpenSearch Serverless to 8 regions which is the initial GA release for the customers which has a market of 1billion$ to date
* Designed and developed Operations UI which makes easier to debug the customer issues and resolve them faster by 90% and this system helped resolve the issues before it was customer impacted by using the alarms.
* Created a monitoring dashboard to check the failures in the collections and the Canary failures which is used by Operations people to help resolve them which helped developers to resolve issues for the customers.
* Designed and developed Metrics for the availability which was reviewed the Businesspeople on weekly basis help improve the availability of the service by 12%.
* **Stack Used:** JavaScript, ReactJS, TypeScript, React-Redux, Python, Java, Amazon Web Services (AWS), CDK, NodeJS, Spring Framework, SQL, Spring Boot, AWS, CDK, AWS S3, SQL, Lambda, Step functions, AWS Workflows OpenSearch Serverless, Ruby

**HHAeXchamge, Dallas, TX August 2021 – January 2022**

# Software Engineer

# (TypeScript, ReactJS (hooks, React Redux, Context), Python, Flask, Crontab, Power Automate, Java, PySpark, IntelliJ, PyCharm, Microsoft Azure, Databricks, Synapse, Data Lake, PyTest, PyTest-BDD, KAFKA, .Net, SQL, C#, Oracle, Business Analytics)

**Responsibilities:**

* Responsible for developing the Items Details Module, User Management Module, Agreement Module, Renew-Agreement module, cancel Agreement modules.
* Used **React-Router** to turn application into Single Page Application, improve user access speed. Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Involved in using **ReactJS** components, Forms, Events, Keys, Router, Animations and Flux concept to create Comment, Histogram View Component and Product View Component.
* Involved in implementing **React Life Cycle Hooks**, **Class** and **Functional** based Components.
* Implemented **Higher Order Components (HOC)** for code reusability,
* Integrated backend API’s using **Axios** and **Fetch** Libraries.
* Used **React Material UI** and **React Bootstrap** for developing rich and responsive layouts.
* Developed custom shopping webpages with ReactJS, Web services calls and AJAX calls for the application with **Axios** library to access products sell statistic from server-side.
* Used **ReactJS** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Maintained states in the stores and dispatched the actions using **Redux**.
* Implemented **Redux Thunk** as a middle ware for securing API side effects.
* Implemented the Drag and Drop functionality using **React**-Draggable
* Have implemented chef provisioning for creation of on demand instances and instance infrastructure using the chef-client and bootstrapping using plugins against **AWS** EC2.
* Setup **AWS** VPC's for dev, staging and Prod environments.
* Deployed and hosted the application on **AWS** using OpsWorks, automated single click deployment onto AWS using Chef.

**Ericsson, Dallas, TX May 2021 – August 2021**

# Product Developer

# (JavaScript, TypeScript, ReactJS (hooks, Redux, Context), Python, Flask, Crontab, Power Automate, Java, PySpark, IntelliJ, PyCharm, Microsoft Azure, Databricks, Synapse, Data Lake, PyTest, PyTest-BDD, KAFKA, .Net, SQL, C#, Oracle, Business Analytics)

**Responsibilities:**

* Design web app prototype and develop insights on large data sets relating to eNodeB configuration (CM bulk) to provide real time analytics on eNodeB status
* Design web app prototype to automate crash identification as well as to prepare crash summary for RF engineers
* I worked on 3 main project (Node Visualizer and Crash Analyzer and Automation Bot) and few side projects. Mostly, I work on front end design, back-end development and development and data science.
* Monitored server events, KAFKA processing lags, fixed and reprocessed different requests and issues in SQL server database to maintain server efficiency and health.
* Performed Accessibility testing and ensured WCAG level A and AA compliance for our project which increased overall tested code by 23%.
* Designed E2E data validation test cases, tested various data flows for application along with manual testing efforts, and documented all bugs via systematic agile processes.
* Designed different modules in **Microsoft Azure** application and developed reusable code in the application there by improving the reusability of code by **45%.**
* Configured Data loading using **CRON** expression that runs every 10minutes for the streaming-sync job and for Batch Syncused **Databricks** on a daily, which improved the efficiency of the prediction by **80%.**
* Build an automated model to transfer **ETL** load in different environments, which improved efficiency by **55%**.

**Blue Yonder, Dallas, TX January 2021 – May 2021**

# Software Engineer

# (JavaScript, TypeScript, ReactJS (hooks, Redux, Context), Python, Flask, Crontab, Power Automate, Java, PySpark, IntelliJ, PyCharm, Microsoft Azure, Databricks, Synapse, Data Lake, PyTest, PyTest-BDD, KAFKA, .Net, SQL, C#, Oracle, Business Analytics)

**Responsibilities:**

* Designed and developed multiple modular view components and documented the usage to integrate into other projects.
* Developed single page application (SPA) using **ReactJS**, **Redux** and **Axios**.
* Created custom reusable **ReactJS** components
* Strictly adhered to the UX design and worked on implementing same and also worked closely with the UX designer to make any changes that was necessary.
* Created component and developed functionality using **ReactJS**.
* Used Material UI for theming and styling and used **ReactJS** developer tools and Redux dev tools.
* Used ReactJS hooks like **UseState** and **UseEffect**.
* Used **Redux** for centralised state management for application.
* Tested application and written Unit test cases on the client side and server side using cucumber.
* Monitor application performance using New Relic in real time to diagnose the problems.
* Created and cloned alerts of Splunk logs to monitor the application problems.
* Maintain and created application branches and resolved code commits using Git and Bitbucket.
* Deployed and tested the application in various Dev, Test, Stage environment using CI/CD tool Bamboo.
* Responsible for the production releases and was on support role to monitor entire working of application.
* Involved in deployment of **ReactJS** application to cloud environment using the Amazon web services EC2.
* Created S3 buckets in **AWS** environment to store files, which are required to serve static content for a web application.

**Agrometrics Analytics and Technology, India July 2018 – January 2020**

**Full stack Developer**

**(HTML, CSS, Bootstrap, jQuery, TypeScript, ReactJS, NodeJS, MongoDB, MySQL)**

**Responsibilities:**

* Developed a hybrid mobile application using React-native which has many functionalities.
* Developed company website working with React JS, HTML, CSS, Bootstrap, jQuery.
* Extensively involved in building applications using React-native, React.JS, JSX, Redux.JS, CSS, Node.JS, LESS, SASS, SCSS, Node.JS
* Created reusable React components that is used throughout the application to reduce excess code.
* Used ES-lint to maintain the code quality throughout the application.
* Results driven Backend Developer with a focus on building robust and scalable applications using MySQL and NodeJS API development.
* Extensive experience in backend development, creating APIs and server-side logic to support dynamic web applications.
* Proficient in Node.js, leveraging its event-driven architecture to develop high performance and scalable backend services.
* Implemented Query optimizations techniques in MySQL to enhance database performance and reduce response times.
* Implemented secure authorization and authentication mechanisms to protect API endpoints and ensure data integrity.
* Implemented robust error handling mechanisms and logging systems to facilitate effective identification and resolution.
* Implemented continuous integration practices to automate testing and deployment, ensuring code readability and stability.
* Responsible to write unit testing for the React, React-native components.

**Stack Used:** JavaScript (ES6), React, React-Native, Vue, Redux, HTML5, CSS3, Django, GIT, Bitbucket, Bootstrap.

**Cleint - Parentlane, Bangalore, Karnataka. October 2017 – July 2018**

**Designation: UI Developer (React-native and ReactJS)**

**Description**:

* React-native-web: This serves as the main Application for android, iOS & website. It is developed using React-native-web.
* React Website: This project had the search functionality implementation for parentlane website and displays the feeds and articles.

**Responsibilities**:

* Developed a website and Application for mainly iOS which is the main website and launching Application using React-native-web package.
* Extensively involved in building front end screens using React-native, React-native-web, React.JS, JSX, Redux.JS, LESS, Node.JS.
* Created reusable React-native and React components that is used throughout the application development to reduce excess code.
* Developed application on JSX preprocessor that adds XML syntax to JavaScript.
* Used StyleSheets for the UI which has compatibility for both Application & web,
* Maintained actions and states of the components with Redux pattern.
* Worked on Node.js to make a AJAX calls from the services.
* Debugged the code base and updated as per requirement.
* Responsible to write the unit testing for all the React components created and the Node services and React-native components.
* Used Webstrom to debug the JavaScript.
* Used ES-lint to maintain the code quality throughout the application.
* Used Source Tree for committing and pushing changes to VCS repository.
* All the codebase is push in bitbucket.
* Added Search functionality in React Application.

**Stack Used:** React-native, React.JS, Redux.JS, JSX, LESS, JavaScript, Node.js, Bootstrap, JSP, Atom, Webstom, GIT, Source Tree, Grunt, bitbucket.

**Education:**

* University of Texas at Dallas, Dallas, GPA: 3.89 (2020-2021)
* MS – Computer Science, December 2021.