Nishitha Jarubula

Phone: 469-355-5204

Email – sainishi.j09@gmail.com

--------------------------------------------------------------------------------------------------------

**SUMMARY**

An Experienced IT professional with 10+ Years of work as Full Stack / UI Developer in Developing User Interface (UI) applications, requirements analysis, applications design development, integration, maintenance, installation, Integrating, Implementing the web-based applications in ecommerce, financial and banking domains

* Experience in designing User Interface (UI) applications and Professional web applications using HTML, HTML5, CSS2/CSS3, JAVASCRIPT, EcmaScript6, Handlebars.js, JSP’s, JQUERY, AJAX, DOM, JSON, XML, ANGULAR.js, REACT JS, REDUX.
* Proficient in using higher level style syntaxes, LESS and SASS for advanced CSS features like mixins, flexbox.
* Experienced in developing web and mobile applications using latest JavaScript ES6 features and frameworks such as React JS, and Redux, Elixir
* Expertise in React Js framework to develop the SPA and working with React Redux architecture and creating reusable React Components Library.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed the relevant backend RESTful API using Node.js and Express JS
* Enhance the applications with new add-on features, using React Js framework on front-end and Node JS on back-end with ECMAScript 6(ES16 ) features.
* Used Apostrophe a Node JS based Content Management System (CMS) for maintaining static content of the website.
* Worked with Node JS framework including authoring complex directives, services, controllers, and filters.
* Developed scalable applications using the MEAN (Mongo-DB + Express.JS + Angular + Node.JS) stack and
* created POC's for rest service development using Node.JS, Express.JS and MongoDB.
* Experience working with Node.js to setup Web API’s using Javascript.
* Creating custom, general use modules and components which extend the elements and modules of core Node.JS.
* Experience in Restful webservices development using Express, Node.JS, and MongoDB.
* Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Experience in using Redux to manage the application state and applying middleware such as redux saga and redux-thunks.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using React.js
* Experience in working on both the client-side and server side of the react application to increase the search engine optimization (SEO).
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 2.
* Experience with Angular CLI designing and implementing AngularJS APIs, caching layers, and monitoring.
* Worked with Maven Build tools in Java environment.
* Created private cloud using Kubernetes that supports DEV, TEST, and PROD environments.
* Managed local deployments in Kubernetes, creating local cluster and deploying application containers.
* Responsible for launching Amazon ec2 instances using AWS (Linux) and configuring launch instances with respect to specific applications and regions.
* Well-versed in implementing various analytics tools like IBM core metrics, Google analytics.
* Decent experience with Grunt and Gulp to automatically perform [magnification](https://en.wikipedia.org/wiki/Minification_(programming)), [compilation](https://en.wikipedia.org/wiki/Compiler), [unit testing](https://en.wikipedia.org/wiki/Unit_testing) .
* Hands on experiences with Core Java with Multithreading, Concurrency, File Handling I/O, Generics, Data Structures and Collections, Garbage Collection.
* Experience in java8 features like Parallel Streams, Lambda, functional interfaces and filters.
* Experience in developing the Rest API using**Spring framework.**
* Experience in software configuration management using GitHub, Bitbucket.
* Knowledge in creating and deploying code on cloud platforms such as Amazon Web Services (AWS).
* Worked as a key member in on-call support using tools like PagerDuty, OpsGenie, and supporting monthly and weekly releases for my team’s owning UI components/applications.
* Worked in all phases of Software Development Life Cycle (SDLC), designed architecting scalable platforms, and worked under different software development methodologies like Waterfall, Agile, Kanban, SCRUM models and actively involved in daily SCRUM meetings to keep track of the ongoing project status and issues and used JIRA for bug tracking and issue tracking.
* Excellent communication and interpersonal skills and a proven team player, able to meet tight deadlines and motivated to learn new technologies and perform detailed documentation on its use cases.

**Technical Summary**

*Development Environments*: Windows, Linux, Mac

*JavaScript Frameworks*: jQuery, AngularJS 1.x, Angular, React 16.x, UnderScore.js, Lodash and NodeJS

*Web Technologies*: HTML/5, CSS/3, JavaScript, SASS and Bootstrap.

Web Services: Spring, Spring boot, Hibernate, Restful web services, AWS and Lambda.

Node Technologies: Express, Passport, OAuth, Redis, AWS server less, mongoose, node mailer and helmet.

*Languages*: Android, Java

*Development Tools*: Android Studio, Atom, Sublime Text, NetBeans, WebStorm and Visual Studio

*Unit Testing*: Jasmine, Karma and Mocha

*Database*: MySQL, Oracle and MongoDB

*Version Control Tools*: bitbucket and Git

*Workflow Toolkit*: Grunt, Gulp, Webpack, Maven, bower, NPM, Yarn.

*CI tool*: Jenkins, Docker and AWS.

Monitoring tools: Splunk,Rancher,Dynatrace

**Professional Experience**

**Verizon – Irving, Texas November 2022 - Present**

**React/Node.js Developer**

* Involved in building Micro-apps using the libraries like React.js to build single page applications with the help of JavaScript, typescript languagesNext.js for server-side rendering and for routing and used tailwind for styling the pages and Node.js for building the API’s.
* Collaborated with cross-functional teams to conceptualize and design user-friendly interfaces for web and mobile applications.
* Worked on migration project from angular.js to React.js for building the 5g home internet pages.
* Experience in Jenkins.Extensive working experience with Axios, mobx, Lodash, and Nextjs.
* Implemented back-end Web API with the use of MongoDB, ExpressJS, and NodeJS and established connectivity with the use of Axios.
* Achieved APIs calls from back end NodeJS using React axios.
* Worked on migration project from Angular to React.js.
* Implemented User Interface and integrated with backend code, Node.JS as server-side technology.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed the relevant backend RESTful API using Node.js and Express JS
* Involved in integrating with backend technologies like Node.js and using MongoDB as the database.
* Used Tailwind for styling the pages.
* Build a portal enterprise and admin portal application at the business level for all the enterprise level applications.
* Configured TypeScript compiler options and tsconfig.json for optimizing builds, enabling strict type checking, and managing module resolutions.
* Enforced coding standards and best practices for TypeScript projects, including consistent code formatting with Prettier or ESLint.
* Conducted code reviews and provided constructive feedback to improve TypeScript code readability, maintainability, and performance.
* Built SPA with loading multiple views using route services using Angular 2 and Node.js
* Involved a full complement of React.js, Node.js and MongoDB to store and present assessments.
* Involved in making efficient and fast application running using Node.js Nonblocking I/O.
* Written reusable scalable Web service layers using Node JS framework.
* Worked with NPM commands and using package. JSON for managing dependencies and dev-dependencies of Node JS applications.
* Monitor operating efficiency of existing application systems and recommend technical solutions to improve efficiency.
* Enhance the applications with new add-on features, using ReactJS framework on front-end and Node JS on back-end with ECMAScript 6(ES16 ) features.
* Used Apostrophe a Node JS based Content Management System (CMS) for maintaining static content of the website.
* Utilize Material-UI's extensive library of React components to build user interfaces following Material Design guidelines. Implement components such as buttons, forms, tables, modals, and navigation bars.
* Customize Material-UI components to match the project's design system and branding. Utilize MUI's theming capabilities to define custom colors, typography, spacing, and other stylistic elements.
* Ensure that Material-UI components and layouts are responsive and adapt well to various screen sizes and devices. Implement responsive design techniques using CSS media queries and Material-UI's responsive components.
* Collaborate effectively with designers, developers, and other team members to integrate Material-UI components seamlessly into the project.Used Jenkins as the continuous Integration and continuous deployment tool to deploying all the micro-apps to AWS (Amazon Web Services).
* Develop end to end test cases for the application using frameworks like Jest, Enzyme and involved in all stages of testing namely unit testing, Functional testing, Integration testing, regression testing.
* Accountable to use react unit testing framework Jest to serve the testing code coverage extensively.
* Accountable to use GIT to control, track and maintain different versions of the project.
* Solve Jira tickets and perform administrative operations to support existing application in production.
* Accountable to demonstrate the application flow, to fellow developer’s leadership member and architects in design review meetings.
* Leveraged Git/GitLab for version control and collaboration, ensuring efficient code management and seamless teamwork.
* Participate in the deployment of the application on every release.

**U.S.Bank - Minnesota, Minneapolis (Remote) December 2021 – November 2022**

**Ui Developer**

* Develop web applications using CSS3, and making the application Responsive JavaScript library React.js, Redux.
* Implement page routing with the use of React-Router to create a Single Page Application (SPA) for quick, responsive pages and dynamic navigation through the menu.
* Integrated TypeScript projects into CI/CD pipelines using tools like Jenkins, GitLab CI/CD, or GitHub Actions for automated testing, building, and deployment.
* Utilized prototyping tools such as Sketch, Adobe XD, or Figma to create low-fidelity and high-fidelity prototypes for user testing and validation and proficient in UX design.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Ensure that the user interface built with Material-UI is accessible to all users, including those with disabilities. Implement accessibility features such as keyboard navigation, screen reader compatibility, and ARIA attributes.
* Working with Axios Library to fetch data from network request.
* Elegantly used React-Router techniques Axios service to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
* Worked with Axios and Lodash libraries for Ajax calls and utility functions respectively.
* Test and ensure that Material-UI components function correctly across different web browsers (e.g., Chrome, Firefox, Safari, Edge) and browser versions. Handle browser-specific issues and implement polyfills if necessary.
* Optimize the performance of Material-UI components and the overall user interface. Improve rendering speed, reduce load times, and minimize the use of unnecessary resources for a smoother user experience.
* Documented TypeScript codebase, APIs, and libraries using tools like JSDoc or TypeScript declarations to ensure clear understanding and ease of maintenance for team members.
* Successfully integrated Power BI reporting services into a React application to provide data visualization and analytics capabilities.
* Identified and resolved technical challenges related to integrating Power BI reporting services with React, such as handling authentication tokens, managing state synchronization, and optimizing performance.
* Developed custom components and UI elements to display Power BI reports and dashboards seamlessly within the React application.
* Used Node and D3.js for interactive data visualization along with Web Markup service.
* Extensively used React js, D3.Js, under score.js, Node JS and lodash.js for JavaScript object and array manipulations.
* Gatsby framework for creating websites and apps. Created an imagine with over 2000 plugins and performance, scalability, and security built-in by default.
* Having good knowledge about Gatsby, uses only static files for incredibly fast page loads, service workers, code splitting, server-side rendering.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* A web application for connecting care providers and members. This project includes server application with data fetching requirement. We have exposed the services as Rest Web Services. We developed backend system using NodeJS.
* A user provision script developed using Nodejs which includes fetching files from SFTP server and creating users in ldap and database using rest api calls.
* Used Node.JS to structure JavaScript code to build Restful webservices.
* Used date-format and moment packages in Node.JS to save the timestamp in database converting into GMT. Involved in Test Driven Development by writing unit test cases.
* Used Nodejs to structure JavaScript code to build endpoints.
* Implement stable React JS reusable UI components and used semantic ui for using the reusable react components.
* Implement React.js with Redux state management and used React.js 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.
* Work with React-recharts library for implementing pie charts, bar charts on the UI to display the enterprise level data.
* Image creation and Image processing using Photoshop, Illustrator, CANVAS and SVG.
* OpenGL APIs to implement realistic-rendering, image processing for photo manipulation, realistic material effects, non-photo realistic graphics, and simple animation.
* Working experience with typescript features like block scope, type restrictions, decorators, arrow functions, classes, interfaces, modules
* Experience with relational databases and/or NoSQL databases (DynamoDB, Redis, Cosmos DB, Mongo, S3, etc)
* Worked with express.js for development of restful web services and middle ware configurations.
* Worked with passport and JSON web tokens for authentication and authorization security configurations using node.js.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Implemented single page application using MUI
* Use Jenkins pipelines to deploy Server-side rendering apps to Kubernetes using Docker and analyzed logs in Kibana logging and metrics.
* good experience working with different class-based components and functional based components.
* hands-on experience using all the latest features like React hooks and context API and also have good experience working with the different state management libraries like Redux for global state management. Create & Manage Engaging Digital Experiences Across Websites, Apps and Mobile. Proven & Reliable Cloud Management with Security & Scalability to Safeguard Your Assets.
* worked with unit testing frameworks like enzyme and react testing library and I also have some experience writing end-to-end functional test cases using Cypress.
* Help fix twistlock vulnerabilities and SonarQube issues for the frontend application and backend Spring Boot microservices.
* Created end to end integration tests with cypress and unit test with jest.
* Unit tested components using Jest and Enzyme to ensure stability, functionality, maintainability, and support.
* Collaborated with cross-functional teams, leveraging Git (GitHub, GitLab, BitBucket) for version control and effective code review processes.
* Use GIT for version control and JIRA for defect tracking.
* Perform system testing, regression testing for complete UI after fixing the Issues which are reported by testing team.

*Tech Stack: HTML, SASS, JavaScript, ES6, Java, React.js, Redux, NPM, SCSS, Invision, Storybook, Splunk, Dynatrace, Rancher, Babel, Webpack, Jest*

**ADP – Atlanta, Georgia December 2020 – December 2021**

**UI Developer**

* Developed web applications using HTML5, CSS3, and making the application Responsive JavaScript library ReactJS, Redux.
* Integrate with GraphQL queries to the front end to fetch the data.
* Implemented page routing with the use of React-Router to create a Single Page Application (SPA) for quick, responsive pages and dynamic navigation through the menu.
* hands-on experience using all the latest features like React hooks and context API and also have good experience working with the different state management libraries like Redux for global state management. Create & Manage Engaging Digital Experiences Across Websites, Apps and Mobile. Proven & Reliable Cloud Management with Security & Scalability to Safeguard Your Assets
* Worked extensively on Elixir and Phoenix backend for mix of static, React and iOS frontend applications.
* Focused on functional web application architecture using Elixir, Phoenix and React.js.
* Built a digital checking onboarding app which includes the features like the paperless, activate debit card, adding the cards to apple pay, google pay on mobile and add to PayPal on desktop.
* Implemented stable React JS reusable UI components and stand-alone functions to be added to
* any future pages.
* Worked with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Implemented Next.js in other applications for routing and to render the app on server-side environment.
* Used Jenkins pipelines to deploy Server-side rendering apps to Kubernetes using Docker and analyzed logs in Kibana logging and metrics.
* Implemented REST API using node.js and express.js.
* Used node.js as a proxy to interact with RESTful services and integrating with PostgreSQL database.
* Extensively worked with making calls to API’s to fetch the data from node.js backend as JSON response and parse on to the UI or DOM/CSS manipulations
* Created Kibana dashboard to monitor the logs for API errors, AEM errors, success logs.
* Unit tested components using Jest and Enzyme to ensure stability, functionality, maintainability, and support.
* Worked on A11y testing for the app.
* Used GIT for version control and JIRA for defect tracking.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.
* Developed the app both for digital checking and credit cards and made the app responsive on both desktop and mobile devices.
* Implemented ReactJS with Redux state management and used React.js 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.

*Tech Stack: HTML, SASS, JavaScript, ES6, Java, React.js, Redux, NPM, SCSS, Invision, Storybook, kibana, Rancher, Babel, Webpack, Jest*

**Office Depot - Boca Raton, FL October 2018 - December 2020**

**UI React Developer**

* Integrated SKU-page React application with Graph QL REST API endpoints which helps to increase the performance of the application by fetching only the desired data.
* Worked in migration project of jQuery, jsp, handlebars to react.js from scratch building the shopping list page, sku page and order summary pages.
* Developed web applications using HTML5, CSS3, and making the application Responsive JavaScript library ReactJS, Redux.
* Implemented page routing with the use of React-Router to create a Single Page Application (SPA) for quick, responsive pages and dynamic navigation through the menu.
* Implemented various screens for the front end using React.js and used various predefined.
* Worked on the shopping list feature on the client side (CSR) from scratch which include adding items to the list, create, delete, searching sharing the list and adding the selected list to the shopping cart page.
* Used technologies like ES6, React Hooks, Redux daily to create reusable components.
* Implemented stable React JS reusable UI components and stand-alone functions to be added to any future pages.
* Used Redux to manage the application state and applying middleware such as redux sagas.
* Used Redux-Thunks for Async Redux approach
* Used routing in react and Flux do as the middleware for shopping list application for asynchronous calling of the API’s.
* Worked with node-rest-client module which Allows connecting to any API REST and get results as js Object
* Developed Node.js Middleware framework like Express.js essentially developing micro services and serve them through middleware. Serving Client-side libraries through micro service.
* Worked with Node.js as web server created a highly scalable server, Creating non-blocking functions.
* Worked on the SKU page server side (SSR) app to increase the search Engine Optimization (SEO) value and worked on building components.
* Contributed towards rewriting the business logic towards migration of legacy applications like JSP’s and handlebars to convert the logic to React and enhancing the user experience.
* Unit tested components using Jest and Enzyme to ensure stability, functionality, maintainability, and support.
* Developed applications with cross browser support following W3C standards.
* Worked with storybook and Figma for developing UI components across different frameworks.
* Experience with alert handling, standard availability and performance report generation of post-production and production performance related issues through Splunk tool.
* Used Jenkins pipelines to deploy Server-side rendering apps to Kubernetes using Docker and analyzed logs in Splunk for debugging and metrics.
* Used tools like Cross Browser Testing for testing browser specific features.
* Deployed Micro Services, Docker container using Amazon EC2 container services and using AWS admin console
* Wrote Splunk Queries, Expertise in searching, monitoring, analyzing and visualizing Splunk logs.
* Implemented ReactJS with Redux state management and used React.js 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.
* Used Kubernetes to deploy scale, load balance and manage Docker containers with multiple namespace versions.
* Performed peer code reviews before pushing changes into testing, staging and production environments.
* Contributed to company’s Global React component library by developing, testing, and writing documentation for globally used components.
* Diagnose, troubleshoot, build Dynatrace dashboards and help teams to build their own dashboards.
* Used GIT for version control and JIRA for defect tracking.

*Tech Stack: HTML, CSS, JavaScript, ES6, Java, React.js, React Native, Redux, jQuery, NPM, SCSS, AWS, Web Services, Scrum, Apache Tomcat, Linux, Invision, Storybook, Splunk, Dynatrace, Rancher, Babel, Webpack, Jest.*

**DISH Network - Colorado, Denver December 2017 - October 2018**

**Software Developer**

* Designed and developed Web pages using HTML, DHTML, CSS, JavaScript, JSON, jQuery, Ajax based on W3C standards and Web 2.0 in an Agile environment team which follows SCRUM principles.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Worked with developers, designers, and product owners to ensure ADA compliance in existing front-end apps.
* Used tools like Postman for testing back-end service endpoints to parse the expected JSON schema.
* Implemented various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager).
* Used JavaScript coding for page functionality and Light box plug-ins using jQuery.
* Worked across functional (development/testing, deployment, systems/infrastructure) and project teams to ensure continuous operation of build and test systems.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Composed JavaScript code to implement the Ajax technique for the online payment pages on the client-side.
* Worked on creating Dynamic Navigation bar through JSON data.
* Learned design formats from graphic designer and converted the page-utilizing HTML, CSS, Photoshop and other editors like Dream Weaver, Notepad++, VS Code, etc.
* Maintained application state in the store and dispatched the actions using redux.
* Built responsive site using Bootstrap that fits devices of different visual sizes.
* Worked on Git version control system to check-in/checkout the code to stash for remote access.
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Developed the Login, Policy and Claims Screens for customers using Ajax, HTML, CSS and JavaScript.
* Experience in building stable React components and stand-alone functions to be added to web pages.
* Designed Java Server Pages (JSPs) required for the application in big backend monolith struts applications.
* Made heavy use of Chrome Developer Tools and Firebug to ensure optimized code and assets.
* Modified and composed Procedures, Queries, Views, Triggers and called them from JavaScript.
* Used Safari Web Inspector and Chrome Developer Tools to debug both scripts and styles.

*Tech Stack: HTML5, CSS3, SASS, JavaScript, jQuery, AJAX, Bootstrap, MongoDB, NodeJS, Firebug, JSON, VS Code, Git, GitHub, Postman, Agile, Windows, Mocha, Chai.*

**Seneca Global - Hyderabad August 2015- July 2016**

**UI Developer**

* Created UI documentation and added HTML/DHTML help to interface.
* Developed HTML/HTML5, CSS based page layouts using the prototypes, wireframes, and images for vertical re-design of the websites.
* Customized the HTML search page and designed pagination.
* Created cross-browser compatible and standards-compliant CSS-based page layouts.
* Responsible for design, front end programming and testing of all web sites from the ground up.
* Created search engine optimized web sites and micro sites.
* Worked with a team of graphic designers to create compelling web site user interfaces.
* Developed applications using HTML5, CSS3, JavaScript framework.
* Worked extensively with HTML5/HTML in designing and updating web-based applications
* Used jQuery and JavaScript to manipulate DOM, registering callbacks or watching the model changes
* Designed business applications using web technologies like HTML and CSS based on the W3C standards
* Wrote application-level code to interact with the backend databases (Oracle) using JSP.
* Designed and implemented a dynamic image rendering web service which is consumed by JSP, jQuery, JavaScript.
* Built Single Page Application (SPA) using Model View Controller (MVC) framework such as AngularJS.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Created cross-browser compatible and standards-compliant CSS-based page layouts.

*Tech Stack: HTML4/5, CSS3, JavaScript, jQuery, AJAX, Firebug, JSP, Angular.js, DevTools, Jasmine, Karma, oracle, JSP.*

**Landmark IT Solutions, Hyderabad July 2014 - July 2015**

**UI Web Developer**

* Developed the UI Screens using HTML, DHTML, XML, Java Scripts, Ajax, jQuery Custom-tags, JSTL DOM Layout and CSS.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation.
* Created appropriate concept models, site organization, navigation, page layouts and interaction to support company’s needs and goals.
* Improvised the homepage design using the HTML, jQuery, AJAX, jQuery Tools, CSS, Java scripts, JSON.
* Responsible for the overall layout design, color scheme of the website using HTML, XHTML, and CSS and Responsible for creating detailed wireframes and process flows.
* Created and deployed new features to sustain and amend existing applications.
* Developed cross-browser/platform HTML, CSS, and JavaScript to match design specs for complex page layouts while adhering to code standards.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using DHTML, HTML, CSS, JavaScript, and jQuery.
* Developed client-side validation code using JavaScript and jQuery.
* Responsible to manipulate HTML, CSS in jQuery as well as making the pages dynamic using AJAX, JSON, and XML.
* Used Bugzilla as the bug tracking system to track and maintain the history of bugs/issues on everyday basis
* Extended CSS as needed to accommodate new data and display types.
* Responsible for quality assurance of finished websites including the validation of web forms and links.

*Tech Stack: JavaScript, HTML, CSS, jQuery, AJAX, Adobe Dreamweaver, Usability Testing, Agile methodology, Eclipse and Windows.*

**Education**

Bachelors in Electronics and Communication Engineering

Jawaharlal Nehru Technological University

Master’s in computer engineering

University of North Texas, Denton

**Certifications**

AWS Technical Associate

Amazon Web Services (AWS)