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## PROFESSIONAL SUMMARY:

- Over 10 Years of experience in development of applications using Object Oriented Programming **Java, J2EE technologies, ASP.NET and C#** and implementing designs into responsive **HTML5/CSS3** templates, using **AngularJS, Angular, ReactJS, Vue JS, Redux, Node.js and Express.js** to build single - page web applications, and integrating vanilla JavaScript to manipulate DOM elements and make use of web APIs.
- Expertise in developing User Interface (UI) Applications and professional Web Applications using Web Standards, **HTML/HTML5, XHTML, CSS/CSS3, JavaScript, Typescript, Bootstrap, NgRx, Redux, Sass, AngularJS, JSP, DOM, jQuery, JSON, Ajax, NodeJS, Vue JS and ReactJS.**
- Over 10 years of experience, 4+ years as a **MEAN Stack** (Mango DB, Express JS, Angular and NodeJS) developer and 6+ years as a **MERN Stack** (Mango DB, Express JS, ReactJS, Node JS) developer.
- Optimizing database transactions, developing dynamic web applications, integrating APIs with JSON, and managing structured data with XML.
- Experience with SAX, DOM, and JAXB has helped me parse, transform, and validate XML, ensuring data integrity in Java applications.
- Widespread experience in accessibility standards laws and code core components: **HTML5, SCSS, JavaScript, WCAG 2.0, WCAG 2.1, CVAA, ADA, Section 504, and Section 508.**
- Experience in developing **Single-Page Applications (SPAs)** using Angular, AngularJS and React.
- Experience with **Redux** for state management and used Store, Action, Reducers, State immutability, Async actions and Middleware's. **NgRx** for state management for Angular Projects and used Observables, pipes, custom Directives and decorators
- Experience in UI designing with bootstrap, CSS3, font-awesome icons, SVG Sprites, Google Analytics, Google Performance Metrics, Lazy loading, JavaScript and jQuery scripting technologies.
- Expertise in implementing view rendering JavaScript using ReactJS with Context and Redux with middleware's like **Redux Saga** and **Redux-Thunk** as architectures.
- Expertise in Implementing **Angular Router** to enable navigation from one view to the next without reloading page for best user performs as application tasks.
- Strong understanding of React Virtual DOM concepts and worked with React component lifecycle to define the events for managing properties, state management, forms and Dom event handling. And in Angular, it uses concepts like **Dependency Injection, Promises, Services, Scopes, Controllers and Directives.**
- Expertise working with different Spring framework modules like Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security and Spring Boot.
- Expertise in Distributed and Web environments, focused on JAVA Technologies, **Java Collections, Threads, J2SE, JDBC, Struts, Spring, Hibernate Framework.**
- Experience with Amazon AWS Cloud Services, (EC2, S3, EBS, ELB, Cloud Watch, Elastic) and managing security groups on AWS.
- Proficient with container systems like **Docker** and container orchestration like EC2 Container Service, Kubernetes.
- Experience in **Kubernetes** to orchestrate the deployment, scaling and management of **Docker** Containers.
- Experienced in implementing SSO authentication using **ForgeRock SSO, Azure AD, OAuth2.0, OpenID Connect, SAML, OKTA and DUO Connect.**
- Experience working on **SOAPUI, Fiddler, Postman, SendGrid and Contentful tools.**
- Experience in **Google Analytics**, and **Google Mini search Analytics** tools.
- Strong skills in Relational Databases like **Oracle, MySQL, PostgreSQL and MongoDB.**
- Experience in version control and Cross-Browser compatibility and fixed the bugs for several browsers using GitHub, Bitbucket, SVN, TFS.
- Pleasant experience with various Unit testing frameworks like **Jasmine, Karma, Grunt, Mocha, Chai, Jest, Cypress, enzyme, testing-Library/react** and for continuous integration of data used **Jenkins, Maven, Selenium** and for Easy way of Testing.
- Excellent interpersonal abilities, communication skills, time management and team skills with an intention to work hard to attain project deadlines under stressful environments.

**Technical Qualifications:**

Skills	Description
Operating Systems	Windows, Linux and Unix
Web Technologies	HTML/HTML 5, XHTML, DHTML, XSL, CSS /CSS3, LESS, SASS, XML, JavaScript, TypeScript, AJAX, jQuery, JSON, AngularJS, Angular, Angular 12/14, Node JS, React JS v16+, Vue JS 2/3, Unqork, Redux saga, Redux-Thunk, Redux-saga, Express JS, MEAN Stack, MERN Stack, Contentful, RxJS, Bootstrap and Accessibility (WCAG 2.0, ADA, Section 508).
Node Libraries	Lodash, Aysnc, Request, Passport, JWT, Express JS, Body-Parser, Underscore JS, Mongoose.
Front End Libraries	Material-UI, Angular-Material, UI5 (Fiori) Web Components, SAP Web Component and Elastic UI
Backend Technologies	AWS EC2, EBS, Cloud Watch, ASP.NET, Java, JDBC, Spring Framework, Spring Boot, Hibernate, JPA, JavaScript (ES5/ES6/ES7), jQuery, AJAX and Node
Cloud Technologies	MS Azure App Services, AKS, Pivotal server, SAP Fiori Launchpad and SAP derived web services
Web/App Servers	HTTP Web Server, IIS, WebLogic, Apache Tomcat, WebSphere, NodeJS, Contentful tool
IDE's	MS Visual Studio, Visual studio code, IntelliJ, WebStorm, Sublime and Brackets
Databases	SQL Server, Oracle DB, MySQL, MongoDB, AWS S3 and PostgreSQL.
Authentication & Security	ForgeRock SSO, Azure AD, OAuth2.0, OpenID Connect, SAML, OKTA Auth and DUO Connect.
Testing & Debugging Tools	JIRA, Protractor, JMeter, enzyme, Jest, Jasmine, Karma, mocha, chai, testing-library/react, React Testing Library, Cypress, Selenium, Chrome and IE developer Tools, Google web Analytics and debugging tools
Source management tools	GitHub, Bitbucket, SVN and Tortoise git
Build/Integration Tools	Azure DevOps, Docker, Kubernetes, GitHub Actions, Azure Monitor, NPM, Maven, Grunt, Gulp and Jenkins

**Professional Skills:****Client:** Verizon – Temple Terrace, FL**Apr 2024 – Till Date****Role:** Sr. Application Developer (Full-Stack Developer)**Project: 1****Name:** FUZE RFE GIV**Role:** Sr. Web Application Developer**Description:**

This project mainly focuses on the graphical interface viewer helping to identify accessible structures in each area of any site by scraping across other data source's mapping the data for this project. Primarily used google maps API for data viewers and having dashboard table for number of resources available within the area.

**Responsibilities:**

- Involved designing in web pages using HTML5, CSS3, TypeScript, VDS, SASS, ReactJS, NextJS, Redux, Saga,

Java, SQL Server, Git and Jenkins following with Section 508 of the Rehabilitation Act, WCAG 2.0/2.1.

- Used React JS for templating faster compilation and developing reusable components.
- Managed state within the app using Redux and persisted certain parts of the state to device via Redux Persist.
- Developed new features and enhancements for the application using React and TypeScript.
- Implemented axios interceptors to proxying the end point and fast and reliable connection with backend.
- Used NodeJS to structure TypeScript code to build endpoints and Proxy them from http injections.
- Experience in RESTful web services to integrate Server side to Client Side.
- Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
- Extensively used JSON for data exchange between Java-based backend systems (Spring Boot, JAX-RS) and frontend application (React).
- Developed modules using Core Java APIs, Java collection, Java 8(Streams), multi-threading, and object-oriented designs.
- Design and integrate DUO Connect SSO authentication to ensure secure and seamless access management.
- Managed role-based access control (RBAC), API security, and multi-factor authentication (MFA) to enhance security posture.
- Used JDBC API to connect Java applications with databases like MySQL, ensuring smooth data transactions.
- Worked with commitment, rollback, and save points to maintain data integrity and ensure error-free transactions.
- Worked with the Jest unit test framework to write unit testing and utilized Cypress and Selenium for UI and end-to-end test automation to enhance test coverage and reliability.
- Utilized Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Responsible for managing AWS resources in cloud and maintaining Continuous Integration and Continuous Deployment pipeline for fast paced robust application development environment.
- Configured and managed various AWS Services including EC2, S3, Cloud Watch, Cloud Front, and Route 53
- Create Root Cause Analysis (RCA) reports, document key learnings, and present demos to improve team efficiency.
- Involved in writing Maven scripts for Automate and streamline development, testing, and deployment workflows using Azure DevOps, GitHub Actions, and Jenkins.
- Setup Google Analytics, and Webmaster Tools for Client Websites.

**Environment:** CSS3, HTML5, NodeJS, NextJS, ReactJS, Redux, TypeScript, React Router, Restful Services, Redux Thunk, Java, Spring Framework, SQL Server, JWT, VDS, DUO Connect, Google Map API Service, Design systems, Swagger, Axios, WCAG, Jest, Cypress, Bit Bucket, Jenkins, GIT, AWS S3, EC2, Lambda, Google web Analytics, API Gateway and Agile.

## **Project: 2**

**Name: FUZE Engineering Order**

**Role: Sr. Web Application Developer**

### **Description:**

Customer facing migration application to create the engineering order dashboard. Which helps customers to create products requests or create new future dated orders as well.

### **Responsibilities:**

- Working as a lead and having responsibilities of managing and leading the team of 8 members.
- Designed and developed responsive modules based on Business Requirements using HTML5, CSS3, Bootstrap, JavaScript, TypeScript, ReactJS, Kendo UI, NodeJS and SQL server.
- Collaborate with Product Teams to analyze complex business requirements and translate them into technical specifications, user stories, and executable code modules.
- Worked on modular programming, developing reusable front-end components (headers, bodies, footers, and so on) using ReactJS.
- Implemented asynchronous actions Redux Saga as middleware in Redux and used Axios to send multiple HTTP requests.
- Used NodeJS to structure TypeScript code to build endpoints and Proxy them from http injections.
- Written and optimized SQL queries, stored procedures, and batch processing has been a key part of my backend development work.
- Designed backend server with Restful API for frontend, implemented requests to fetch and manipulate data and user Authentication for login function.
- Used Spring Boot, Spring Batch to build cloud Microservices quickly and develop spring-based applications with very less manual configuration.
- Involved in Spring and Hibernate Integration.
- Implemented connection pooling (Hikari CP, Apache DBCP), improved database performance and reduced latency.
- Implemented MVC architecture by using Spring MVC to send and receive the data from front-end to business layer.

- Involved in implementation of enterprise integration with Web Services and Legacy Systems using SOAP, and REST.
- Created user friendly tables using Kendo React tables and make sure most of the features that the user can be able to use along with editable columns.
- Implemented Scroll Spy based and the position of the table data as a reusable component as props.
- Conduct code reviews to ensure alignment with architectural principles and coding standards across the project lifecycle.
- Managed SQL exceptions, logging, and debugging database operations has helped to create reliable and maintainable applications.
- Create Root Cause Analysis (RCA) reports, document key learnings, and present demos to improve team efficiency.
- Optimize application performance through code refactoring and optimization.
- Worked with Server less framework AWS Lambda using NodeJS.
- Configured Cross-Account deployments using AWS Code Pipeline, Code Build and Code Deploy by creating Cross-Account Policies Roles.
- Managed Docker orchestration and Docker containerization using Kubernetes.
- Used AWS services like S3, EC2, AWS Cloud Front, Lambda, and API Gateway.
- Configured various performance metrics using AWS Cloud watch Cloud Trail.
- Utilize Cypress and Selenium for UI and end-to-end test automation to enhance test coverage and reliability.
- Setup Google Analytics, and Webmaster Tools for Client Websites.

**Environment:** CSS3, HTML5, NodeJS, NextJS, TypeScript, ReactJS, Redux Saga, React Router, Kendo React UI, Restful Services, Java, Spring Framework, SQL Server, JWT, Swagger, Axios, WCAG, Jest Cypress, Bit Bucket, Jenkins, Git, AWS S3, EC2, Lambda, API Gateway and Agile.

### **Project: 3**

**Name:** TESS Sourcing Contract

**Role:** Sr. Web Application Developer

#### **Description:**

Worked on customer facing application to create a new contract with available materials that are in stock. Customer can create a contract with client and move it for the approval of the authenticated managers.

#### **Responsibilities:**

- Design, Develop and test HTML5, CSS3, TypeScript, and Angular 14 that meets accessibility and web browser standards for websites.
- Develop and maintain re-usable shared components, Services, directives and pipes for actions across application.
- Implement server-side pagination using PrimeNg Framework.
- Implement web sockets to enable real-time bidirectional communication.
- Developed a web application using Angular 14 as front - end and using Web API to receive and pass data to back-end.
- Implement new features, as well as maintaining and improving legacy code on the existing framework.
- Created Angular 14 components, implemented Interpolation, Input Variables, Bootstrapping, NgFor, NgIf, Router Outlet, event binding, and decorators.
- Created Reusable Modules and Custom Directives in Angular 12,14 which got used in various places of application.
- Responsible for predicting / upgrading Angular app to the latest version without any code breakages.
- Work with NPM / Angular CLI to set up the environment and install tools for Angular Application.
- Developed a dynamic breadcrumb based on Angular Router Events
- Designed and Integrated dashboard using Chart JS.
- Utilized Spring Boot at back-end which helps to develop application with ease.
- Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX and Angular 14
- Implemented authentication and authorization using Auth Guards
- Developed custom directive has Authority to handle views based on user authorization criteria.
- Used RxJS library features such as Observable and Subscription to enable connection to Web API.
- Implemented Interceptors to handle errors globally and to initiate alerts accordingly
- Implemented Convention-based and Attribute-based Routing to map URLs to controllers in Web API.
- Worked on the modernization of legacy and outsourced UI technologies used were Angular 9,11,12,13, CSS, Node JS, Express JS, and AWS (Amazon Web Services).

- Performed integration testing and write test cases using Karma and Jasmine
- Optimized web page components for maximum speed, scalability and conversion.
- Implemented A/B testing using Google Analytics Content Experiments for testing the Campaign performance of different landing pages' content. Supported execution of SEO initiatives for the website.
- Used Git for version controlling and VSTS for project tracking.
- Involved in creating unit testing of various layers using unit and created automated test scripts

**Environment:** CSS3, HTML5, NodeJS, Express JS, Restful Services, Angular 12 & 14 TypeScript, LESS, Ant Design Framework NG-Zero, RxJS, Chart JS, API, Cassandra, SQL Server, Java, Java Spring boot, Microservices, Nginx, Kubernetes, Prometheus, Apache Kafka, S3, AWS SNS, Maven, Google web Analytics, WebSocket's, GitHub.

**Client:** Unqork - New York, NY

**Feb 2023 – Apr 2024**

**Role:** Sr. Software Web Application Developer (MEAN Stack Developer)

**Description:** Worked on multiple products

**Projects:**

1. Created user interface for Illinois Homeowner Assistance Fund (IHDA) program.
2. Worked on DUUO Insurance program for multiple products.
  - Co-Operators Tenant Insurance
  - Co-Operators Auto Insurance
  - Co-Operators Event Insurance
3. LPL Financial
4. Galaxy Digital

**Responsibilities:**

- Design, Build, Test, Deploy, and manage Service Manager (Including all Environments) capabilities in an Enterprise environment.
- Review and provide input to the Project Managers/Sr. Managers to approve and confirm the project configuration and build management plan.
- Work with performance engineers to evaluate machine performance including load and kinematics.
- Worked on developing dashboards, workflows, screens, CRUD orchestrator API and validation modules using Unqork for multiple Tier 1 DUUO Co-operators Insurance and IHDA.
- Worked hand to hand numerous times with Internal Unqork Personnels for unique business requirements that hasn't been developed in Unqork before (e.g. Email service and Remote execution modules).
- Experimented beta unqork components that have not been released to the general unqork's public platform and provided platform change feedback.
- Worked on many POCS for several insurance customers, to analyze the requirements and finalize the proposed screen flow and created screens using Figma.
- Explored all potential templates from Marketplace as part of these POCs.
- Created new features using JavaScript which is not taken care of by the Unqork tool.
- Involved in developing document management and generation modules for policy admin systems. Written 2,000+ lines of nunjuck and generated dynamic-documents via transforms that span 100+ pages.
- Connected with AWS S3 to pull the updated policy information and created corn jobs to pull the information.
- Used Aws S3 for storing and retrieving static content, AWS Cloud Front for improving latency.
- Collected information from different source systems and stored it in MongoDB using the crown jobs.
- Using Administration tools created users and provided authorization and managed their access levels.
- Conduct research on identified key business issues. Provides oversight and direction to analysts and assigns components of project work.
- Worked on transformers using JavaScript to build customer confirmation emails.
- Audit existing data to identify issues related to accuracy, completeness, and integrity. Interpret data issues to identify corrective actions for reporting practices.
- Configured AWS Multi Factor Authentication in IAM to implement 2 step authentications of user's access using OKTA Verify and AWS Virtual MFA.
- Worked hand to hand numerous times with Internal Unqork Personnels for unique business requirements that hasn't developed in Unqork before (Image processing, bulk documents upload and Barcode scanners).
- Experimented beta Unqork components that have not been released to the general Unqork's public platform and provided platform change feedback.
- Involved in complete SDLC - Requirement Analysis, Development, System, and Integration Testing.

- Delivered code to meet functional or technical specifications and Demonstrated self-reliance by the meeting and exceeding workflow needs.
- Created the technical documentation and test suite results included in the documentation.
- Interacted with Testing Team, Scrum master's and Business Analysts for fixing Issues.
- Responsible for troubleshooting the logs in the AWS cloud Watch in S3 buckets, Route 53.
- Responsible for Omniture Site Analytics for the corporate websites before migrating to Google Web Analytics and implemented A/B testing using Site Analytics.
- Followed Web Accessibility Guidelines while coding the website following with WCAG 2.0 and providing suggestions to designers and developers about accessibility.

**Environment:** CSS3, HTML5, NodeJS, Restful Services, JavaScript, MEAN Stack, AngularJS, PWA, JSON, ES6, AWS, S3 bucket, Google web Analytics, Test documents, WCAG 2.1, ADA, Section 508 and MongoDB.

**Client:** Broadridge Financial - Newark, NJ

**Nov 2021 – Feb 2023**

**Project:** Margin and ACATS

**Role:** Sr. Software Web Application Developer (MEAN Stack Developer)

**Description:** Working on multiple projects related to ACATS and MARGIN Maintenance.

**Responsibilities:**

#### **Planning and Designing (10%)**

- Gathering the Requirements, Analyzing, Designing the Application with various technical possibilities of achieving business requirements, Testing and Documents.
- Create Technical Analysis Documentations & Technical Design Documentation.
- Developing various components for top navigation and side menu bars giving the users functionality to choose various options to create a transfer and view all cases which is been created.
- Providing suggestions/solutions with respect to the standards and best practices of the guidelines.
- Understand complex business requirements and prepare plans regarding it to accomplish the target.
- Worked closely with business teams to accomplish client requirements and make sure that every page and every step a user will experience in their interaction with the finished product will confirm to the overall vision created as per requirements.

#### **Development (65%)**

- Participated in Agile Scrum methodology for application development. Analysis, design, coding, unit, and integration testing of business applications in an object-oriented environment.
- Followed AGILE (SCRUM) methodologies with sprint planning every two weeks and daily stand-up meetings to monitor the status.
- Driving the Architectural direction of the User Interfaces for our Analytical platforms in the following tech stack.
- Unqork, AngularJS, JavaScript, ES6, Client-Side rendering, Single Page Application (SPA), HTML5, CSS3, REST, API Management, Context, ASP.net, Swagger, Microsoft SQL, Jira, bitbucket
- Application optimization techniques to reduce application weight and load time to enhance user experience.
- Created custom modules and integrated them as per business requirements.
- Develop user interface by using Unqork platform which provides drag and drop feature to create a awesome User Interface.
- Used custom modules to submit and retrieve the information on redirect in customized schema.
- Prototyping the Rest API's for displaying the search results effectively and with better performance.
- Developed different navigation systems to switch between derived modules.
- Applying Unqork navigation component to turn application into Single Page Application.
- Used different forms to generate the request payload from user to data team for processing further.
- Built stable generic components and stand-alone functions to be added to any future pages.
- Build data API's and data delivery services that support critical operational and analytical applications for business operations, customers, and product owners.
- Created custom methods using Data Workflows and adopted every latest component that been released making sure up to date with Unqork library.

#### **Security**

- Understanding and implementation of security and data protection plans.
- Implementing OAuth for security Connection with the server using JWT Token for Token generation and using the L7 security services to access the different services in Application.
- Perform relational (MSSQL, Azure) including schema design, security, reliability, scalability, and optimization.
- For the internal users used AD Login services to utilize our product.

#### **Deployment (10%)**

- Deploying the application into Unqork production environment with different administration (Styles, CMT, Transformers).
- Configuring environment with global settings
- Designing and implementing the build and release process as well as system configuration and deployment characteristics of the application using Bitbucket.
- Develop, Test, and deploy the series of applications into cloud environment with concourse CI/CD pipeline setup.

#### **Providing Support and Fixes (15%)**

- Aiding with assistance to end-clients.
- Logging each event to monitor data flow and which will help in support for production environment.

**Environment:** CSS3, HTML5, NodeJS, Restful Services, JavaScript, AngularJS, PWA, JSON, ES6, AWS, S3 bucket, Test documents, MongoDB, MEAN Stack, ASP.NET, Google web Analytics and Bitbucket.

**Client:** Global Medical Response - Modesto, CA

**Nov 2020 – Nov 2021**

**Role:** Sr. React Native Developer (Sr. Full-Stack Developer)

**Description:** Admin Scheduling Tool is to create available schedule slots for Vaccine user application. Objective of this project instead rely on third party tools we created our own enterprise level scheduling calendar irrespective of client location and county. Admin tool controls the available vaccines and slots availability for that location along with handling the user walking's. User vaccine portal controls users can be able to book slot to nearest vaccine available location to get to vaccinated. This application is built for all the latest versions of operating systems (Windows/Mac/Android/IOS).

#### **Responsibilities:**

- Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, Angular 8/9 and ASP.NET Core that meets accessibility and web browser standards for websites.
- Designed and deployed microservices-based applications using ASP.NET, C#, Docker, and Kubernetes, ensuring scalability and maintainability.
- Designed and developed view templates using responsive design with Angular, Node.js, RxJS, NPM, grunt, Bootstrap, CSS3, SCSS and HTML5
- Created applications based on Angular style design and best practices.
- Implemented Angular client-side validation and type ahead to improve the accuracy of input data
- Created Unit Tests using Jasmine, Karma and Angular Mock
- Created shared components that will be shared across the modules such as error handler, modal dialog and logger.
- Created Modules, Components and directives with single responsibility principle
- Created core modules which will be loaded on load of the application such as Navigation Bar, Header and Footer and the menu for user profile.
- Developed Web API controller with Entity Framework for handling RESTful requests and responses using C# .NET
- Created architecture involving creation of services, designing and developing software based on MVC architecture
- Designed and developed various abstract classes, interfaces, classes to construct business logic using C#.NET.
- Implemented authentication using roles within a project and OKTA security settings along using the third-party authentication using Google, Facebook and Microsoft.
- Implemented Dapper to SQL for the data access operations
- Created several database objects such as Views and Stored Procedures T-SQL in SQL Server database
- Developed services which are used by Controllers and Models for various operations on Views
- Designed and developed data access layer, which would connect to various databases for various groups.
- Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using Angular CLI.
- Developed unit test methods to execute key controller actions which are mapped to business rules.
- Done unit testing and integration testing and testing of database, queries optimization and performance.
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- Developed with Bulma styling library for styling the whole project.
- Involved in Writing Test Cases and Integration and system testing of the application
- Involved in Configuration of the development environment and version controls using Bit bucket tool

**Environment:** CSS3, HTML5, NodeJS, Restful Services, ASP, ASP.NET Core, Visual Studio, IIS, C#.NET, Dapper, Entity Framework, SQL Server, Visual studio code, TypeScript, Angular 8/9, JWT, Azure, Angular Route-Guard, RxJS, Formik, JSON, ES6/ES7, Bulma Styling Components, Swagger, Axios, Loadash, Jest, Cypress, GitHub.

**Project: 1****Name: Cross Company Customer Returns Dashboard****Role: Sr. Application Developer**

**Description:** A Customer Returns App will be developed to enable the Returns Operatives to check in and record inspection results of goods that have been returned for Credit from Own Retail and Third-Party customers. Customers can return goods for credit for several reasons such as Damaged, Faulty, Wrong product delivery, Short dated, Recall or Too much delivered.

**Responsibilities:**

- Created front-end web application using React, SAP web components for Fiori look and feel publishing the app in the Fiori launchpad.
- Developed web page using ReactJS, React Context API and NodeJS.
- Developed interactive and scalable web applications using JSP and Servlets, creating seamless user experiences.
- Created reusable web components using React and state management using the React Context API.
- Making sure implementation of PWA using React
- Design and developed project using few Bar charts, Flow charts and progress bar charts using the Sap components and Sass.
- Used Node.js on the server side and to install necessary packages into the application.
- Added dynamic functionality to the application by implementing jQuery, NodeJS.
- Developed Web API using NodeJS and hosted on multiple load balanced API instances.
- Implemented database connection using Knew-JS at Node with Express and Created the Restful API web services.
- In React used the Fetch API calls for continued connection with backend services.
- Implemented email and SSO integration using NodeJS for backend and used JWT token to establish secure communication between Client and Server.
- Ensure seamless integration of authentication and identity management using ForgeRock SSO and Microsoft Authentication.
- Used x-csrf-token from Sap services tokens for authentication for SSO users.
- Implemented input validation, XSS protection, and CSRF tokens have helped me secure web applications against vulnerabilities.
- Worked on Single sign on using Microsoft Azure Active Directory and Auth0 as service provider.
- Used React-Router to turn application into Single Page Application.
- Used NodeJS as a proxy to interact with RESTful services and interact with PostgreSQL Database.
- Extensively used Promises and Event Emitter in Node.js to avoid callbacks and more readable code.
- Styling and theming the project using the React-JSS.
- Implemented new features like maintaining session between different Confidential applications, so users will not need to re-authenticate and implemented SSO for admin apps.
- Organized knowledge sharing sessions to develop familiarity with new technologies among the team members.
- Worked with ES6/ES7 - Promises, Modules, Arrow functions, Rest, Spread, Maps, Sets, classes, symbols, generators, iterators, Async, await and Patterns.
- Ensured with functional programming pure functions, function composition, currying, immutable objects, declarative programming.
- Managed user sessions with cookies, URL rewriting, and authentication mechanisms have been crucial in my projects.
- Developed API Gateway using NodeJS and Used PostgreSQL as a Database for storing information.
- Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing.
- Implemented the end-to-end testing using Cypress.
- Written and executed unit tests using Jest and React Testing Library.
- Create Root Cause Analysis (RCA) reports, document key learnings, and present demos to improve team efficiency.
- Interacted with Testing Team, Scrum Masters and Business Analysts for fixing Issues.

**Environment:** CSS3, HTML5, NodeJS, Restful Services, Visual studio code, JavaScript, Webpack, ReactJS, Context API State Tree Management, Babel, PWA, JSON, ES6, Axios, SAP cloud services, SAP web components, Contentful tool, React Router, Bitbucket, ForgeRock SSO, GitHub, PostgreSQL, Pivotal Server, Cypress, Jest and React Testing Library.

**Project: 2****Name: Cross Company Sales Dashboard****Role: Sr. Application Developer**



**Description:** Cross Company Sales Dashboard has status details table for customer request status and with request progress status. If any request got rejected, then user can view the reason for decline and user can again create request with for backend analytical team to process the request.

**Responsibilities:**

- Created front-end web application using React, SAP web components for Fiori look and feel publishing the app in the Fiori launchpad.
- Worked in using React JS components, Forms, Events, Keys, Router, Animations, Node and Flux concept for SPA development.
- Structuring applications with Model-View-Controller (MVC) patterns, along with enhanced code maintainability and scalability.
- Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
- Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
- Implemented stable React components and stand-alone functions to be added to any future pages.
- Created reusable web components using React and state management using the React Context API.
- Worked on NodeJS Middleware framework like Express JS and HapiJS and Yoemon, essentially developed microservices and serve them through middleware. Served to Client-side through microservice.
- Used node.js as a proxy to interact with RESTful services and interact with PostgreSQL Database.
- Solved Callback hells in Node.JS by using Promises and Generators from ES6 resulting in unchaining events and making the code efficient.
- Used x-csrf-token from Sap services tokens for authentication.
- Implemented Single Sign-On (SSO) which the use of a single User ID for a customer to access all participating McK web sites
- Several APIs from the SAP cloud have been merged and created a New API service from Node.
- Most of the project uses the Same components but BI is different from flow to flow so mostly used HOC components.
- Developed and optimized services using NodeJS and ES6 as interfaces to PostgreSQL database.
- Implemented new features like maintaining session between different Confidential applications, so users will not need to re-authenticate and implemented SSO for admin apps.
- Designed and implemented services using NGINX, Node JS, Express JS and PostgreSQL.
- Organized knowledge sharing sessions to develop familiarity of new technologies among the team members.
- Monitoring the offshore work and providing technical help to the offshore team for their JIRA tickets.
- Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing.
- Implemented the end-to-end testing using Cypress.
- Written and executed unit tests using mocha, enzyme and Jest.
- Interacted with Testing Team, Scrum Masters and Business Analysts for fixing Issues.

**Environment:** CSS3, HTML5, NodeJS, Restful Services, Visual studio code, JavaScript, Webpack, ReactJS, Context API State Tree Management, Babel, PWA, JSON, ES6, Axios, SAP cloud services, SAP web components, Contentful tool, React Router, Bitbucket, GitHub, PostgreSQL, and Pivotal server.

**Project: 3**

**Name: Customer Allocation Management Program**

**Role: Sr. Application Developer**

**Description:** Customer Allocation Maintenance Program (CAMP) is the name of the project. The main goal of the project is to overhaul the existing equitable distribution (Order Monitoring, Set Order Limit, Fair share and Max-fill) programs to facilitate distribution of the inventory that is more flexible in the application but more stringent in the allocation.

Redesign of the Customer Sales allocation system utilized in the cases of market drug shortages, spread the available quantities and speculative buying behavior.

**Responsibilities:**

- Developed front-end components using React, Context API, React Query Builder, Material UI, and Material UI-Icons.
- Developed user interface by using the React JS, Context State management for SPA development.
- Developed Global search component Using JavaScript, React and ES6.
- Design develops and tests HTML5, CSS3, Material UI, JavaScript, JSON and React.JS that meets accessibility and web browser standards for website.
- Implemented two-way data binding in React state changes to handle the automatic synchronization of data between

user interaction and DOM elements.

- Used React-Router to turn application into Single Page Application.
- Used RESTful Web services for transmission of large blocks of JSON.
- Used observables and subscriptions source tree for continuous communication with the application server.
- Worked in using React JS components, Forms, Events, Keys and Router.
- Created custom, self-contained, reusable, followed single page application design methodology and integrated all the pages using route-Provider.
- Implemented Server-side validation for Web API.
- Designed and developed contentful API calls and wrapped the application using contentful client.
- Developed headless CMS which follows API first pattern to read/write data.
- Components for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
- Using the SSO and azure AD-login created logic to easily user can login and create the personal allocation set.
- Implemented the Material UI for creating the best and attractive user interface.
- In Phase Two, I worked closely with the Back-End team to display data using Custom Components, library Components, and Context API.
- Using Axios call continues communication with server and uploading the user requested data through context state management source by calling through Axios call.
- Used JWT tokens for authentication.
- Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
- Interacted with Testing Team, Scrum Masters and Business Analysts for fixing Issues.
- Collaborated with the other developers, and used Bitbucket for Source Code Control, project related document sharing and team collaboration.
- Worked in an Agile-Scrum development methodology to ensure delivery of high-quality work with three weeks' iteration, also involved in sprint planning

**Environment:** CSS3, HTML5, Material UI-Icons, Material UI NodeJS, Restful Services, Visual studio code, JavaScript, Webpack, ReactJS, Context State Tree Management, Babel, PWA, JSON, Contentful tool, ES6, Production Supporting tools, Axios, Azure Cloud services, jwt-decoder, React Router, React Query builder, Bitbucket, GitHub, PostgreSQL and Pivotal server.

**Client:** UPS – Lutherville - Timonium, MD

**Aug 2018 – Feb 2019**

**Role:** Sr. Software Application Developer (MEAN Stack Developer)

**Description:** UPS migrated their shipping application from AngularJS to Angular 6 and upgraded the shipping options for Saturday delivery for residential and non-residential. Users can ship a few dangerous goods throughout the world. Involved and responsible in development application the single-page as well as guided-page using the common components. The new application utilizes new concepts in Angular 6 and involved in supported in deployment to production in regular releases.

**Responsibilities:**

- Developed front-end components using Angular 6, TypeScript, Angular Material and ngx-bootstrap.
- Using Identity Framework and customizing it to fit the user need, it will include Entity Framework.
- Used Ng-Model to create two-way data bindings for reading and writing input-control values.
- Developed the application in Single-Page as well as Guided-Page.
- Developed Global search component Using Typescript, Angular 6, JavaScript and ES6.
- Worked on development of User Interface using HTML/HTML5, CSS/CSS3, JavaScript, Typescript 2.3, AJAX, JSON, Angular and RxJS.
- Involved in the Customization PWA web access pages and Branding.
- Implemented validation method for form input in web page, Page validation using a combination of normal Html validator (use 'no validate' to bypass the normal HTML checking and handle them using ng-show, ng-hide, ng-disable) and specific Angular validator directive (ngRequired)
- Implemented two-way databinding in Angular to handle the automatic synchronization of data between the model and view components. Used observables and subscriptions.
- Created custom, self-contained, reusable, and testable Angular modules, components and services to implement key functionalities.
- Followed single page application design methodology and integrated all the pages using route-Provider.
- Implemented services for component communications to achieve dependency injection (DI).
- Used the RxJS library to manage concurrency when fetching data through HTTP calls using Observables.

- Used Angular router guards to tell the router whether it should allow navigation to a requested route based on JSON Web Tokens (JWT).
- Utilize new concept of PIPE's and routing guards in this application and involved in the production support and used NgRx storage to store the observable data using objects. Used observables and subscriptions.
- Implemented Server-side validation for Web API.
- Implemented Angular client-side validation through the forms module and wrote custom validators where necessary.
- Wrote unit tests using the Jasmine testing framework and used Karma as the test runner tool.
- Participated in daily SCRUM meetings and oversaw the entire build-release pipeline.
- Collaborated with the other developers, and used GIT for Source Code Control, project related document sharing and team collaboration.
- Worked in an Agile-Scrum development methodology to ensure delivery of high-quality work with three weeks' iteration, also involved in sprint planning

**Environment:** NodeJS, Angular 6, Restful Services, Visual studio 2017, CSS3, HTML5, JavaScript, Typescript, Bootstrap, Webpack, AngularJS, RxJS, Express JS, MEAN Stack, Babel, PWA, JSON, ES6, Production Supporting tools, IIS 7, Sass, ASP.NET Web API, Entity Framework 6, C#, Microsoft SQL Server 2012, Jasmine, Karma, VSTS, Visual Studio Code, Git and TFS.

**Client:** Samsyst Technologies LTD - Bengaluru, Karnataka

**May 2012 – Aug 2015**

**Role:** Software Developer

**Description:** The Main goal of this project is collecting information from multiple source systems related to employee health records, personal info and beneficiary details in a single dashboard screen. Users can be able to monitor all records in a single dashboard screen. Optimizing the expenses and wealth records is a plus from this application.

**Responsibilities:**

- Participated in multi-tier application development environment.
- Communicated with Business Analyst System to know the technical requirements for the project.
- Used HTML, CSS, and JavaScript to Design Front End Screens.
- Developed interactive and scalable web applications using JSP and Servlets, creating seamless user experiences.
- Engaged in checking the website functionality with JavaScript, CSS and HTML.
- Created CSS styles to keep up the consistency of all screens all through the application and situating of screen objects.
- Examining the web page on cross-browser compatibility to fix the bugs pertaining to different browsers.
- Used to update templates and create additional functionalities by using jQuery.
- leveraged JSP Standard Tag Library (JSTL) and custom tags to streamline JSP development.
- Worked with the Object-Oriented Programming concepts such as inheritance etc.
- Used different JavaScript and JS, AJAX libraries for validation and for different interactive features.
- Created different modules such as Admin, User, and Job Folders
- Used jQuery to communicate CSS and HTML script with JavaScript functions to gain dynamism functionality to the web pages.
- Participated in the development of JSP and Used JUNIT test cases for developing
- Involved in developing PL/SQL code for handling data
- Responsible for all client-side validations and implementing business logic based on user selection using jQuery and jQuery UI.
- Involved in writing application-level code to interact with APIs, Web services using AJAX, JSON and XML.
- Used JSON for storing and exchanging information between browsers and servers.
- Extensive use of spring (MVC) and Struts.
- Developing and maintenance of Software applications using SPRING, HIBERNATE, JAVA/J2EE.
- Used Firebug, Firebug Lite, and IE developer toolbar for debugging and browser compatibility.
- Used waterfall model of software development.

**Environment:** HTML, CSS, JavaScript, jQuery, AJAX, JSP, Eclipse, XML, JSON, SVN, PL/SQL, Windows.

**Education Details:**

- ✓ Master of Science in computer science from NPU in 2016
- ✓ Bachelor of Science in computer science from Jawaharlal Nehru Technological University, Kakinada