

Aiswarya A

Sr. UI Developer

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SUMMARY:

- Highly motivated UI Developer with 9+ years of experience using **Angular 2+**, **jQuery**, and **JavaScript** in **BFSI (Banking and Financial Services and Insurance)**, and **E-Commerce** domains.
- Solid understanding of all phases of **SDLC**, including gathering requirements, encompassing functional and technical specifications, designing, developing, testing, and deploying into production
- Extensive experience in front-end technologies such as **HTML**, **HTML5**, **CSS**, **CSS3**, **SAAS**, **LESS**, **DOM**, **JavaScript**, **TypeScript**, **Angular 2+**, **React JS**, **Redux**, **Material UI**, **Lodash**, **Underscore JS**, **Bootstrap**, **JSON**, **AJAX**, etc.
- Experience in using **Adobe Photoshop**, **Illustrator**, **Sketch**, **InVision**, **MS Visio**, **Figma** for creating Wireframes, Prototypes, Logos, Banners, Buttons, Icons, and Images
- Proficient in building **reusable Web Components** with **Angular**, leveraging the **Custom Elements**, **View Encapsulation**, **HTML Templates**, and **CSS Variables** standards to create modular, scalable, and maintainable UI designs.
- Proven ability to create **responsive web designs** that adapt to different devices, including tablets and mobiles, using **CSS Media Queries**, **Bootstrap**, and **Material UI** for styling mobile applications to enhance user experience.
- Developed applications with the concept of **Lazy Loading** to decrease the application launch time.
- Experienced in implementing internationalization and localization using **ngx-translate** and **I18n**.
- Knowledgeable in implementing **authentication** and **authorization** using **OAuth2**, **JWT**, and **SSO**.
- Proficient in using **TypeScript**, **ES6/ES7**, and other modern **JavaScript** features to write clean and maintainable code.
- Strong experience with **jQuery**, **jQuery plugins** (Validator, Drag and Drop, AutoComplete), **AJAX**, **Dynamic HTML (DHTML)** and **JSON**.
- Experienced in **RXJS** (Reactive Programming) and **NGRX** (Store, Effects, Router-Store, Store-Devtools)
- Expertise in working with **CSS Backgrounds**, **CSS Layouts**, **CSS Positioning**, **CSS Animations**, **CSS Text**, **CSS Borders**, **CSS Margin**, **CSS Padding**, **CSS Table**, **Pseudo Classes**, and **Pseudo Elements**.
- Integrated frontend components with backend systems, leveraging **RESTful APIs** to retrieve and display data from databases.
- Leveraged cloud tools such as **Amazon S3** and **Amazon RDS** to store and manage large datasets, ensuring scalability, availability, and data security.
- Developed and maintained **Java**-based web applications using **Spring** framework.
- Proficient in leveraging **Spring Boot's** auto-configuration and starter dependencies to accelerate application development and reduce boilerplate code.
- Used **Node.js** as the package manager for development workflow dependent plugins.
- Experience in performing **Unit testing**, **Integration Testing** and **generation of test cases** using **JUnit** and debugging and testing with **Karma/Jasmine/JEST/ Postman/Cypress**.
- Knowledge in implementation of **AWS** Cloud-specific technologies like **Elastic Servers**, **EC2 Instance** and **S3 instance**.
- Developed **RESTful APIs** to communicate with back-end systems and ensure **seamless data flow**.
- Knowledge of Automation using (CI/CD) **Jenkins**, **SonarQube**, **ES-Lint**, **Test Driven Development (TDD)** and involved in **UNIT test** and **sanity testing**.
- Implemented end-to-end testing automation using **Selenium WebDriver**

- Worked on **Bitbucket**, **GitHub** for source code management, and **Jenkins** for **CI/CD Deployment**.
- Experienced in software development methodologies such as **Agile and Waterfall**, with proficiency in using tools like **JIRA and Confluence** for bug tracking and project management."
- Strong understanding of **Agile/Scrum** methodologies and ability to work collaboratively in cross-functional teams.
- Worked in **Agile - Scrum** Methodology to ensure delivery of high-quality work with monthly iteration and was also involved in **Sprint Planning and Retrospectives**.
- Self-starter and always inclined to learn new technologies and Team Player with strong communication, organizational and interpersonal skills.

TECHNICAL SKILLS:

Web Technologies	HTML 5, CSS3, JavaScript, Typescript, jQuery, Angular 2+, JSON, AJAX, Node JS Grunt & Gulp, Lodash, Bootstrap, AG-Grid, Prime-Ng, SAAS, LESS, DOM.
Testing Frameworks	Jest, Cucumber, Jasmine, Karma, Postman, Cypress, Spring Boot, Spring MVC
Languages	Python, JavaScript, JAVA
Frameworks	Angular, React JS, Redux JS, Vue.js
Tools	Selenium, Jira, Slack, Git, WinSCP, Putty, GitHub, Bit Bucket, Visual Studio, Sublime Text, Notepad++, Jira, Balsamiq, SharePoint, Confluence, MS Office, Rally, Lucid Charts, Trello, Photoshop, Illustrator, Sketch, In Vision, MS Visio, Figma
Operating Systems	Windows, Mac OS, Unix
Methodologies	Agile, Waterfall
Databases	Mongo DB, MySQL, Cassandra

EDUCATION DETAILS:

- **Master of Technology**, Jawaharlal Nehru Technological University, Electrical Power Engineering, 2015
- **Bachelor of Technology**, Jawaharlal Nehru Technological University, Electrical & Electronics Engineering, 2012

PROFESSIONAL EXPERIENCE:

Client: Huntington, Columbus, OH

May 2022 - Present

Role: Sr. UI Developer

Project Overview: To develop a web portal for Trade Finance Division of Consumer Banking that enables end customers to upload transaction relevant documents remotely. The goal of this project is to decrease TAT and errors and in turn cost of the company in processing the transactions. The new system leverages AWS cloud infrastructure to enable a secure and user-friendly experience for customers who can login and set role-based authorization rights.

Type: Implementation Project

Responsibilities:

- Involved in various phases of the **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis, and Code development.
- Worked on highly advanced user interface design and development **using Angular 13, HTML, Bootstrap, and CSS3**.

- Designed and implemented **client-side validations** using Angular **reactive forms** and **custom validators** to ensure data accuracy and consistency.
- Integrated third-party libraries and plugins into Angular projects, such as **ng-bootstrap**, **ngx-charts**, and **ngx-translate**, to enhance functionality and improve development efficiency.
- Worked with backend developers to **integrate Angular applications** with **RESTful APIs** and **microservices**, and to define and document API contracts and data models.
- Utilized **AWS S3** for storing static assets and media files.
- Leveraged **AWS API Gateway** to manage **API endpoints** and ensure secure communication.
- Used **frameworks** like **Jest/Cypress/Postman** test frameworks for test cases and testing.
- Created a **Responsive Web Design (RWD)** interface that caters to different screen sizes.
- Implemented **NGRX** store to maintain the state of the application. **NGRX** store was used to store results after angular injector observable retrieved the data from backend. Added logic to dispatch the action to **NGRX**.
- Developed and implemented **Route Auth Guards** in Angular applications to ensure proper user authorization and **role-based access control** for accessing screens and performing operations.
- Configured the **guards** to allow or deny access to specific screens and components based on the user's role and permissions.
- Creating **custom interceptors** to handle **authentication, authorization, error handling, and logging**.
- Upgraded the project from Angular 13 to Angular 15 using tsconfig.json to increase the boot speed of the application.
- Skilled in leveraging **CSS animations** and **transitions** to enhance user experience and create engaging interactive elements using preprocessors such as **SCSS, Sass, and Less**.
- Utilized **Selenium** Grid to execute parallel tests on different browser configurations, optimizing test execution time and improving overall testing efficiency.
- Create interactive prototypes using tools like **InVision**, allowing stakeholders to visualize and provide feedback on user flows and interactions.
- Worked with **Spring Boot**'s caching mechanisms, improving application performance and response times.
- Implemented **Docker** containers to encapsulate **microservices**, enabling easy deployment and scalability.
- Collaborated with cross-functional teams to define and refine **microservices** architecture and design.
- Utilized **Junit** and **Karate** for **unit testing** and BDD-style API testing, ensuring robustness and reliability of the system.
- Used **Adobe Photoshop, Illustrator, Sketch, InVision, MS Visio, and Figma** to create high-fidelity designs, wireframes, and prototypes.
- Used **Python** to collaborate with backend developers for peer programming for **data processing, API development, and server-side scripting**.
- Used **Jenkins** for continuous integration and to automate, build, and deploy the application to higher environments.
- Actively participated in **code reviews** and provided constructive feedback to other developers.
- Participated in day-to-day meetings, status meetings, strong reporting and effective communication with project manager and peers as part of **Agile scrum methodology**.
- Communicate effectively with team members, stakeholders, and end-users to gather requirements, provide updates, and resolve issues.
- Used Confluence is a collaboration and documentation tool used by teams to create, share, and collaborate on projects and documents.
- Used Version control system **Bit Bucket and Tortoise Git** as code repositories and JIRA for bug tracking and issue tracking.

Environment: HTML5, CSS3, Angular 13, Material UI, Ag-Grid, Bootstrap, JavaScript, GIT, Responsive Design, NgRX, Python, Java, Jest, Cypress, Karma, Karate, Cucumber Postman AWS, JIRA, Confluence, MYSQL, Java, Web Services, and VS Code.

Client: State Farm, Bloomington, IL
Role: Sr. UI Developer

Nov 2020 – Apr 2022

Project Overview: To develop a web application that provides clients with an easy-to-use interface to manage their policies, claims, and payments. The goal of this project is to enhance the client experience so that the user can view, edit, and update their policy, manage claims, and make payments online. It helps the company to provide better customer service to the retail segment clients. By using concepts like Angular forms, Dependency Injection and Lazy Loading the application provides a faster and seamless user experience.

Type: Enhancement Project

Responsibilities:

- Participated in the **Agile Development** Team and had a daily **SCRUM** meeting for progress reporting.
- Implemented Spring-based RESTful APIs for data retrieval and manipulation.
- Used **Angular 7 Reactive forms** to implement complex and performed the **validations** using **Form Builder**.
- Implemented **responsive** layouts and UI components using **Angular Material** and **Bootstrap** to ensure consistency and compatibility across different devices and browsers.
- Implemented **Two-way data binding** in Angular which helps the application handle the automatic synchronization of data between the model and view components using typescript and angular 8.
- Add required **UI controls** such as custom **UI Validations**, threshold inputs, Data Pickers, Radio switches, and Dropdowns to filter appropriate data in the presented views to the **DOM structure**.
- Developed and implemented **interceptors** for HTTP requests and responses in Angular applications to add request headers and convert response data to a standard structure.
- Worked Extensively with **Angular CLI** for creating **components, services, pipes, and directives**.
- Involved in the user interface design process and deliverables throughout the development lifecycle, including requirements refinement, task flows, wireframe, screenshots, and detailed design documentation.
- Participated in the user story grooming sessions and provided the necessary inputs to Meet Acceptance Criteria.
- Extensively involved in wireframe design discussions with the UX design team.
- Developed web-based customer application using **HTML5** and **CSS3, Typescript, JSON, Angular 7**.
- Designed responsive UI pages that can be displayed properly in different-size screens using **Bootstrap** and **CSS media queries** thereby achieving cross-browser compatibility.
- Worked on RESTful web services and used **Angular forms** like **Template Driven forms** and **Reactive forms** to perform form validations both on a server and client-side.
- Worked on **Angular Routes** and extensions by using **Router Config** as an injectable URL path and customized component for each of the webpages.
- Development of front-end applications using **Angular, Dependency injection, Rx, and HTTP modules**
- Developed an application with the concept of **Lazy Loading** to decrease the application launch time.
- Used **Adobe Photoshop, Illustrator** for translating design concepts into visually appealing user interfaces, ensuring consistency, and adhering to brand guidelines.
- Collaborated with the team to migrate the application to a **microservices architecture**, improving performance and scalability.
- Assisted in the adoption of **Docker** for containerization, enabling simplified deployment and environment management.
- Used Version control system **GIT** and **bit bucket** as code repository.
- Used Jenkins for CI and for End-to-End automation for all builds and CD, **Jest/ Cypress/ Postman** to write test cases.
- Participated in offshore coordination and status reporting.

Environment: HTML5, CSS3, SASS, JavaScript, Bootstrap, Angular, Typescript, Material UI, RWD, GIT, JIRA, WEB API's, Jest, Cypress, Postman, Karma, NPM, and VS Code.

Client: 7 Eleven, New York, NY

Jan 2017 – Oct 2020

Role: Front End Developer

Implementation: TRC Technology, Charlotte, NC

Project Overview: This project involves designing a user interface for an Inventory Management System for a grocery store. The system should allow the store manager to keep track of inventory levels, receive alerts when stock levels fall below a certain threshold, and view inventory reports.

Type: Enhancement Project

Responsibilities:

- Designed and coded customized **React services** to interact with the backend **API** and serve components.
- Strong understanding of React and Component Driven Architecture to develop **SPA (Single Page Application)**.
- Created Re-useable components, Custom Modules, Custom Directives, Pipes, Services in React.
- Used directives and services to create communication between the components.
- Used directives and services to create communication between the components.
- Updated the application with new features of **React**.
- Used **props, states, keys, refs** in **React** for state management.
- Designed and coded **customized React services** to interact with the backend API and serve components.
- Worked on features of React like **conditional rendering, JSX, form validation**.
- Designed and developed the application using React framework along with **HTML5, CSS3, TypeScript, JavaScript, Bootstrap, NPM, JSON**.
- Extensively worked on building Front-end code in React to retrieve data as JSON and displayed the well-organized result in web pages by writing React components, directives, services, and route providers.
- Moved existing AngularJS controllers and services to React components for more responsiveness and less dependency.
- Implemented the project structure based on **Spring MVC** pattern using **Spring Boot**
- Created services using **Dependency Injection** and implemented **props, state, and ref** to do components communication and get local reference value of HTML.
- Enhanced legacy application by building new components in **React** and **TypeScript**.
- Extensively worked on **CSS Background, CSS Animations, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table, Pseudo Elements & Classes, and CSS Behaviors in CSS**.
- Stayed updated with the latest **Selenium** releases, tools, and techniques, incorporating new features and enhancements to improve test automation processes.
- Extensively used Controlled Components for more control and better validation on the user input data.
- Involved in **Agile** software methodologies using **Test Driven Development (TDD)**.
- Worked with an Agile, Scrum development methodology to ensure delivery of high-quality work with monthly iteration, involved in sprint planning and retrospectives.
- Used **JIRA** to keep track of bugs to reduce downtime, increase productivity, and communication.

Environment: React, Redux JS, Typescript, Material UI, JavaScript, Node.js, NPM, jQuery, Bootstrap, Ajax, HTML5, CSS3, GIT, WebStorm, TDD, Jasmine, Karma, LESS, VS Code.

Client: ICICI Bank, Hyderabad, India

Nov 2014 – Dec 2016

Front End Developer

Project Overview: This project involves enhancing features of a mobile-based application. The application will enable customers to perform a wide range of banking transactions, including checking their account balance, making transfers,

and managing their investments. The project aims at building a responsive and user-friendly interface that is optimized for mobile and desktop devices.

Type: Enhancement Project

Responsibilities:

- Developed a single page, mobile-first, cross-device/cross-browser web application using HTML, CSS, AngularJS, jQuery.
- Developing the code for Enhancement using **AngularJS, HTML5, CSS and Bootstrap**
- Developed **Single Page Application (SPA)** using **AngularJS** Framework.
- Taking an active role in structuring our single page applications to make them easy to maintain and to ensure they are highly modularized.
- Designing templates based on the requirements using **CSS, JavaScript, and SASS**.
- Applied **AngularJS** features like building the components and binding the data using data binding methods.
- Implemented REST API calls using **\$http** and **\$resource** services with **AngularJS**.
- Implemented **MVVM (Model-View-ViewModel)** Design Pattern using Angular JS.
- Used Node.js as the package manager for development workflow dependent plugins.
- Used **Bootstrap** and **SASS** for responsive web applications.
- Created **custom directives** for data manipulations and to display data in company standard format.
- Implemented code coverage using Karma and Jasmine for AngularJS on client side.

Environment: HTML5, CSS3, JavaScript, jQuery, AngularJS, AJAX, JSON, SVN, Tortoise SVN, Rest API, Java, Spring, MYSQL, Tomcat, Sublime, Notepad++, Atom.