**Anu Varghese Mooken**

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**Professional Summary**

* **10+ years** of professional experience in developing and designing User Interface for web applications.
* Worked on complete Agile Scrum Methodology and User Interface web development in accordance with requirements.
* Proficient in building Web User Interface (UI) using HTML/HTML5, Angular JS, Angular 4/6/7/8/9/11/13,14 ReactJS, Walmart Electrode , CSS/CSS3 and JavaScript, that follows W3C Web Standards and are browser compatible.
* Experience in all phases of Software Development Life Cycle.
* Extensive experience in designing web applications using HTML, HTML 5, XML, XHTML, JavaScript, Type Script, AngularJS, CSS, CSS3, DOM and jQuery.
* Expert knowledge in designing SPA using AngularJS.
* Expertise in MV\* (MVC, MVVM, MVW) frameworks like AngularJS along with Bootstrap
* Experience in third party libraries like NgPrime, Angular Material Design.
* Knowledge in WebPack, Gulp and Npm Scripts.
* Experience in UI Architecture design using Angular components. Thorough understanding of core concepts like Ng Modules, Services, Dependency Injection, and decorators.
* Good understanding of Design Patters, Data Structures and Algorithms.
* Expertise knowledge in OOPS implementation, code consistency and code review.
* Unit testing of AngularJS components, services using karma-test- runner and Jasmine.
* Test Reports generation using Karma-Istanbul.
* Experience in Responsive web design development.
* Extensively used AngularJS features, Directives, Filters, 2-way Data Binding, Services, Templates, Routing, MVC and Dependency Injection to build Single-Page-Applications in a clean and maintainable way.
* High level of expertise in CSS pixel-level layout, Consistency with browsers, Version and Platform Independence.
* Proficient with CSS preprocessors including LESS, SASS.
* Experience with applying web applications using AJAX, Plug-ins and JSON.
* Experience in working with third party APIs, Web Services.
* Excellent experience in REST and RESTful Web services.
* Experience in developing applications for cross browser compatibility.
* Experience in debugging and troubleshooting the existing code using debugger tools like, Firebug, Chrome developer toolbar etc., and Able to identify problems in the initial stages and execute quick resolutions.
* Expertise in using source code control systems such as TFS, GIT, JIRA and SVN.
* Excellent communication skills, team player, quick learner and self-motivated.

**Technical Skills**

**Web Technologies:** HTML/HTML5, CSS2/CSS3, XML, JavaScript, AJAX, JSON, , PHP, DOM

**JavaScript Lib:**  AngularJS, Bootstrap, Node JS, React JS, D3 JS, Angular JS and Angular 4/5/6/7/8/9/11/14.

**Database Systems:** MySQL, SQL Server, Oracle7.x/8.x/9.x/10, DB2

**IDE and Graphic Tools:**Eclipse, Dreamweaver, Sublime Text, Photoshop, Fire Bug, Chrome Developer, Microsoft Visual Studio code

**Methodologies:** Agile, Scrum, UML, Design Patterns

**Debugging Tools:** Firebug, Bugzilla

**Web/App. Servers:** WebSphere, WebLogic, Apache Tomcat, WebLogic, RESTFUL, SOAP

**Version Control:** SVN, GIT, CVS, TFS,VSS,

**Testing:** Unit Testing with Karma and Jasmine.

**Operating Systems:** WINDOWS, UNIX, LINUX, Mac OS X.

**Education:**

* Master of Computer Information and Systems Grand Valley State University, Michigan, April 2018
* MBA (IT), Cochin University of Science and Technology, India, June 2011
* BCA, Bangalore University, India, June 2009

**Professional Experience:**

**Client: Commonwealth of Pennsylvania, Pennsylvania June 2022 to Present**

**Role: Sr. Angular Developer**

**Responsibilities:**

* Implemented responsive design principles and optimized performance for enhanced user experience.
* Collaborated with cross-functional teams to gather requirements, design solutions, and deliver high-quality products.
* Mentored and guided junior developers, fostering their growth and ensuring code quality.
* Led the development of Angular applications for enterprise clients, ensuring adherence to best practices and coding standards.
* Conducted code reviews and implemented performance optimizations, resulting in significant improvements in application speed and efficiency.
* Worked closely with UX/UI designers to implement intuitive and visually appealing user interfaces.
* Collaborated with project managers to define project scope, timelines, and deliverables.
* Determine root cause for the most complex software issues develop practical efficient permanent technical solutions
* Desiging dynamic and multi-browser compatible pages using HTML, CSS, JavaScript, Angular Material, Typescript, Angular 14.
* Used Angular forms to validate fields and created custom validator directives and updated pages using HTML5, CSS3 in Angular framework
* Provided UX services including interpreting requirements, creating concept designs, creating user flows, creating wireframes, prototypes, and visual specs, related UX standards.
* collaborating with cross-functional teams, including UX designers and backend developers, to ensure seamless integration of the DA Framework UI components with backend functionality.
* Collaborated with the Product team and created a UX design using Figma.
* Used CSS media queries to make web application responsive to different screen resolutions as the application is used in both Desktop and Mobile.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using Angular 14.
* Created formatter wrapper JavaScript API with Moment.js to format date, time and numbers.
* Using JIRA to track bugs and issues and complete functional tasks.
* Create/modify solutions in Java Object Model for issue fixes.
* Using Reactive forms to implement complex forms and performing validations using Form Builder and Router Module to set up navigation in Angular application.
* Write Test cases for User Interfaces for Angular applications using Karma and Jasmine.
* Extensively used Table Less Design in CSS for positioning.
* Worked on Angular Bootstrap for templates designing and to create mockup data additionally, maintain and administer Confluence.
* Used Rectangular, Promise and Services in AngularJS for calling API’s and building some custom directives.
* Developed applications using Angular JS – Bootstrap like Grids, Toolbars, Panels, Combo-Box and Button Improved dependency injection for modular development and component isolation using AngularJS.

**Environment:**Angular 14, HTML5, Absco Style Guide, Figma, Karma, Jasmine, Litmus, Jira, Git, Jenkins, Maven, TypeScript, Angular CLI, Angular Material, NPM, Node JS, CSS3, JSON, NgRx, DOM, XML, Web Services, GIT, Jira, Agile.

**Client: Charles Schwab, West Lake, Texas March 2021 to June 2022**

**Role: Lead UI Developer/Angular Developer**

**Responsibilities:**

* Created Typescript reusable components and services to consume API's using Component based architecture provided by angular 9.
* FDM Lumos is the embodiment of the FDM Modernization effort from a data platform perspective and data stewardship perspective.
* Created Mock up screens for the application and consume the rest API for receiving the services.
* Extensive experience in developing Microservices using Spring Boot.
* Involved in the Development of Spring Framework Controllers.
* Developed the web application using HTML, CSS and AngularJS, handle and database in SQL server.
* Experiences in using build/deploy tools such as Jenkins, Docker and OpenShift for CI/CD Deployment for Microservices.
* Mentor Software Engineers to allow for skill/knowledge development through advice, coaching, and training opportunities
* Help define and develop the test and production environment, coordinate the migration of the system, and/or coordinate efforts with other projects
* Adhere to architectural guidelines, standards and delivery discipline processes, while also influencing architectural planning; document the various computer systems enhancements/modifications or information retrievals/updates and update/create procedures
* Interact and effectively communicate with business partners and other staff; be seen as a technical expert, and utilize this expertise to provide technical advice and support
* Implemented spring boot Microservices to process the messages into the Kafka cluster setup.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Developed web pages using HTML/CSS and JavaScript.
* Worked on creation of components for routing and forms using the Angular-cli and Angular 9.
* Provide technical advice and be able to identify technical implications regarding development activities.
* Work closely with other developers, product managers, DevOps, and product support engineering teams to deliver development solutions.
* The project operates on Agile project development cycle with Bi-weekly sprints, daily standup, retrospective sessions and sprint planning.
* Involved in requirement gathering, designing, development, UI reviews, and maintenance.
* Designed and developed the agent portal using framework Angular 6/7 along with HTML5, CSS3, and TypeScript.
* The portal is made responsive using CSS3, preprocessors like SASS, Bootstrap, and media queries to support desktop and tablets.
* Written modular, secure, and well-tested front-end code in TypeScript, HTML5 and CSS using the latest web.

**Environment:** Angular 9, Node.JS, JavaScript, JQuery, HTML5, CSS3, SVN, Maven, GIT, Mongo DB, Jasmine, Karma, Spring MVC, Micro Services.

**Client:Charter Communications, St. Louis, Missouri March 2020 to March 2021**

**Role: Sr UI Developer/Angular Developer**

**Responsibilities:**

* Define, Design and deploy mobile solutions for clients by effectively utilizing available information and technical expertise.
* Create everything from mockups and UI components to algorithms and data structures as we deliver the viable product.
* Work with partners and clients to identify and design appropriate mobile structures.
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Typescript, Angular 9 and Node JS.
* Enhanced application performance by Angular 8 Component based development in view of future Angular framework transitions.
* Experience with creating custom directives, decorators, and services to interface with both restful and SOA services.
* Implemented Angular Router to enable navigation from one view to the next as customer performs application tasks.
* Migrated an application developed in Angular 5 to Angular 9.
* Implemented Angular 9 custom Services to implement Dependency Injection used Pipes to transformations.
* Developed http requests using NgRX observables to communicate between server and client with Angular 16.
* Extensively used NgRX library to create observables, subjects and behavior subjects for communication between the components
* Created Typescript reusable components and services to consume API's using Component based architecture provided by angular 9.
* Extensive experience in developing Microservices using Spring Boot.
* Involved in the Development of Spring Framework Controllers.
* Developed the web application using HTML, CSS and AngularJS, handle and database in SQL server.
* Experiences in using build/deploy tools such as Jenkins, Docker and OpenShift for CI/CD Deployment for Microservices.
* Implemented spring boot Microservices to process the messages into the Kafka cluster setup.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Developed web pages using HTML/CSS and JavaScript.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by angular 9.
* Worked on creation of components for routing and forms using the Angular-cli and Angular 9.
* Provide technical advice and be able to identify technical implications regarding development activities.
* Work closely with other developers, product managers, DevOps, and product support engineering teams to deliver development solutions.
* Understand client business needs and product requirements and translate those needs into system-level architectural properties
* Document workflows and relevant processes to execute continuous improvement plans.
* Anticipate, identify, track and resolve technical issues and risks affecting delivery.

**Environment:** Angular 5/6/7/8/9, CSS3, HTML5, Oracle, PL/SQL, JDBC, Cassandra, JAVA,, UNIX, JMS, SOAP, REST, MQ Series, Web Sphere Application Server, Spring Framework, JSP, HTML, CSS, DOJO,, REST, Log back, NgRX.

**Client: Verizon, Tampa, FL Jan 2019 to Feb 2020**

**Role: Angular Developer**

**Responsibilities:**

* The project operates on Agile project development cycle with Bi-weekly sprints, daily standup, retrospective sessions and sprint planning.
* Involved in requirement gathering, designing, development, UI reviews, and maintenance.
* Designed and developed the agent portal using framework Angular 6/7 along with HTML5, CSS3, and TypeScript.
* The portal is made responsive using CSS3, preprocessors like SASS, Bootstrap, and media queries to support desktop and tablets.
* Written modular, secure, and well-tested front-end code in TypeScript, HTML5 and CSS using the latest web.
* Created TypeScript reusable components and services to consume REST API’s using Component based architecture provided by Angular4/6/7
* Implemented HTTP requests using Rxjs Observable library to handle multiple values over time.
* Used REST client / POSTMAN to check the response of various API's, Swagger UI as a visual documentation for back-end implementation and client-side consumption. Handled various exceptions based on the response.
* Developed Angular service for static selection (refence) data in the Angular SPA’s run block.
* Worked on custom URL’s to land the user in the application.
* Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
* Worked on customer’s cart including the add/remove items, save items in cart.
* Created a build process for different environments like develop, staging and production.
* Demonstrated knowledge of code reviews, unit and regression testing.
* Used Webpack to build TypeScript modules.
* Involved in writing test cases using Jasmine and Karma to ensure 100% code coverage.
* Generated the code coverage report using Istanbul.
* Used GIT for source control and JIRA for tracking purposes.
* Followed the coding standards, it makes for easier modification in future releases.

**Environment:** HTML5, CSS3, SASS, JavaScript, Angular 4/6/7, RxJS, TypeScript, Agile, Bootstrap, REST API’s, Webpack, TSLint, Jasmine, Karma, NPM, GIT, JIRA, MAC and Webstrom.

**Client: Comcast, Philadelphia, PA Nov 2017 -Dec 2018**

**Role: Web Developer**

**Responsibilities:**

* Designing and developing the web application using HTML5, CSS3, Bootstrap, JavaScript, React, Redux and Node JS.
* Responsible to Style, look and feel of the web page with SASS that extends CSS with dynamic behavior such as variable, mixing, operations and functions.
* Used various Angular 8 custom directives and developed reusable components and templates that can be re-used at various places in the application.
* Responsible for developing the UI pages using Angular 8, HTML5, CSS3, JavaScript, PrimeNG and Bootstrap.
* Worked with Angular 8 to develop single page applications, worked with ngrx for managing Angular applications.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 8.
* Extensive experience in developing Microservices using Spring Boot.
* Participated in making Responsive Web Designs using Media Queries and Twitter Bootstrap.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Helped individual teams to set up their repositories in bit bucket and maintain their code and help them setting up jobs which can make use of CI/CD environment.
* Implemented HTTP requests using NgRX Observable library to handle multiple values over time.
* Experience in working with the advanced JavaScript such as ECMAScript 6 (ES6).
* Migrated an application developed in Angular 4.0 to Angular 8.0 recently.
* Worked with JASMINE in testing and Protractor for unit testing angular modules.
* Expert in creating bundling complex applications using Webpack or packaging it using gulp/grunt.
* Worked in Kanban Methodology to provide more efficiently work and higher quality.
* Used JIRA for bug tracking. Git is used as a version control tool and Jenkins is used for continuous integration of builds.
* Extensive usage of Bootstrap for layout as well as responsive design and SASS for Responsive design.
* Implemented React UI and maintained the state with Redux architecture implementation.
* Develop various screens for the front end using React and used various predefined components from NPM (Node Package Manager) and Redux library.
* Used Bootstrap front-end framework for faster and easier web development with MySQL database as the backend.
* Used AJAX, JSON to send request to the server to check the functionality of the websites and for storing and exchanging information between browsers and servers.

**Environment:** HTML 5, CSS3, SASS, Typescript, tsLint, Angular2/4, Node JS, WebPack, ng2-Bootstrap, NgRX, VS Code 2015, GIT, Agile, Karma-Jasmine.

**Client: Ford, Detroit, MI Nov 2016 - Oct 2017**

**Role: UI Developer**

**Responsibilities:**

* Involved in development and finalization of initial design of the application and worked with content Managers, copywriters and designers to resolve the issues.
* Employed Scrum concepts of Agile Development Methodology for software development.
* Designed Responsive UI using HTML5, CSS3, Bootstrap, SASS, JavaScript, AngularJS, AJAX & JSON.
* Developed Routing module for the application according to the URL.
* Involved in implementing the complete Application in the in-build MVC Architecture with Angular JS.
* Coded Angular JS controllers and directives for application functionality.
* Implemented Single Page Application (SPA) architecture and client side MVC using Angular JS. Used Angular routing for navigation between Views in the application.
* Designed and Developed UI application using MVC5, Entity Framework, Bootstrap.
* Used AngularJS routers like "UI-router" to establish routing between nested html views.
* Developed entity framework model and made LINQ queries to connect to the database
* Designed various multiple styles with colors, fonts, and backgrounds in CSS.
* Designed and implemented a dynamic image rendering web service which is consumed by C# and ASP.Net, JavaScript.
* Worked on CSS Background, CSS Positioning, CSS Text, CSS Border, Pseudo classes, Pseudo elements etc.,
* Developed data formatted web applications and deploy the script using client side scripting using JavaScript.
* Created web forms for uploading multiple files to share point document library.
* Implemented code coverage using Karma and Jasmine for Angular JS on client side.
* Delivered the best design aesthetics under tight deadlines, while effectively managing trade-offs between businesses needs and portal user benefit.

**Environment**: HTML5, CSS/CSS3, JavaScript, AngularJS, jQuery, AJAX, Bootstrap, LINQ, Agile, JIRA, Jasmine, Karma, Sublime, SQL, Windows.

**Phoenix Solutions, India Sep 2014 to Dec 2015**

**UI Developer**

**Responsibilities:**

* User experience strategy focusing on future technologies and enterprise management systems.
* Designed and presented conceptual user experiences that combine physical and digital interactions.
* Visual explorations for enhancements to the core UI controls and components.
* Detailed wireframes and screen flows for interaction specifications.
* Created interfaces for cross-platform applications.
* Trend forecasting and insights analysis to develop principles for BlackBerry's next product portfolio.
* Storyboards for video production.
* Involved in designing the front-end applications using web technologies like HTML/HTML 5, XHTML, and CSS/CSS3.
* Develop, test, and deploy Angular-based web applications
* Write clean, efficient, and well-documented code
* Designed the user interactive (UI) web pages using web technologies like HTML5, XHTML, and CSS3.
* Wrote application level code to perform client side validation and implemented dynamic page elements using JavaScript.
* Implemented date calendar using jQuery.
* Developed project's web page as Single Page Application (SPA) by using AngularJS.
* Created various controllers, views using MVC framework AngularJS.
* Designed services and factories and injected into various methods by using AngularJS.
* Designed customized filter techniques in the webpage using AngularJS.
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Wrote application level code to perform client side validation using jQuery and JavaScript.
* Wrote jQuery function while implementing various UI Screens across the whole web application (both consumer facing as well as internal application).
* Interacted with java controllers (jQuery, Ajax, and JSON to write/read data from back end systems).
* Maintain, enhance, and recommend solutions that best suit business and technology needs from UI standpoint.
* Define technical requirements based upon business requirements.
* Used SVN for version control and JIRA for defect tracking.
* Involved in Agile process, monthly Sprints, and daily Scrums to discuss the development of the application.

**Environment:** HTML, HTML5, CSS, CSS3, JavaScript, jQuery, AngularJS, Bootstrap AJAX, JSON, XML, Apache Tomcat, ECLIPSE.

**Value Labs, India July 2013 to Aug 2014**

**UI Developer**

**Responsibilities:**

* Developed all the UI pages using HTML, XHTML, DOM, CSS, JSON, JavaScript, and jQuery, Ajax.
* Involved in requirement analysis & Client interaction.
* Developed the web application using Spring MVC Framework by implementing controller and backend service classes.
* Created XHTML Pages with CSS and the Box Model integrated the Java code (API) in JSP Pages.
* Used jQuery core library functions for the logical implementation part at client side for all the applications.
* Involved in Writing jQuery based Ajax Requests using jQuery, get (URL, data, callback, type) or jQuery,
* Ajax and jQuery, post (URL, data, callback, type) and jQuery.
* Used jQuery Events to manipulate the elements depends on the user interactions.
* Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree.
* Implemented the Drag and Drop functionality using jQuery framework.
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Developed Date Time Picker using Object Oriented JavaScript extensively.
* Designed PDF, Excel and Print previews for all the reports in the application using HTML, JavaScript and SQL Stored Procedure
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions.
* Involved in developing HTML, and JavaScript for client-side presentation and, data validation on the client side with in the forms.
* Contact with different customer for their requirements. And Modified code, as the customer needs.
* Consumed Web Services by implementing spring’s REST support to make the development of RESTful Web services.
* Written SQL Queries to interact with Oracle database.
* Successfully executed the entire test cases and fixed any bugs/issues identified during the test cycles.
* Building self-contained, reusable, and testable modules and components
* Ensuring a clear dependency chain, in terms of both application logic as well as file relationships
* Ensuring high performance on mobile and desktop
* Writing non-blocking code, and resorting to advanced techniques such as multi-threading, when needed
* Cooperating with the back-end developer in the process of building the [RESTful API](https://www.redhat.com/en/topics/api/what-is-a-rest-api)
* Communicating with external web services

**Environment:** HTML, CSS, JavaScript, XML, DHTML, XHTML, DOM, jQuery, AJAX, JSON, RESTful, ECLIPSE.