Sudip Baral

Objective:- Front End Developer

Professional Summary:

- Around 9 years of experience in various stages of the Software Development Life Cycle (SDLC) from requirements gathering, analysis, modeling, design, development, enhancement, test, and production as a UI Developer.
- Proficient in utilizing front-end technologies like HTML,CSS3, JavaScript, Angular, React, Node, RESTful web services, and work on cross-browser compatibility.
- Skilled in creating top - notch web applications using angular framework (Angular10, Angular8, Angular4 and AngularJS).
- Good experience in Web Application Development using MVC Architecture with AngularJS and JSP.
- Proficient in identifying UI/UX enhancements and transforming into clear specifications and efficient execution strategies.
- Good understanding on Document Object Model (DOM) and DOM functions.
- Proficient in creating wireframes and prototypes using tools like Adobe XD, Illustrator and Balsamiq studio.
- Proficient in developing UI using JQuery and JavaScript Libraries for Web Applications and Mobile Applications.
- Experience with UML modeling Class Diagrams, Use Cases, and Sequence diagrams.
- Experience in AngularJS framework using Dependency Injection, Promises, Services, Scopes, Controllers and Directives.
- Sound grasp of event-driven design and architecture, encompassing technologies like Kafka and Spark.
- Experience in crafting and implementing CICD pipelines utilizing tools like GitLab, Bitbucket and Jenkins.
- Strong experience in following W3C standards and validations using HTML, CSS, and JavaScript for building web applications along with sound understanding of HTML5 API's.
- Experience in working with various databases like Oracle, SQL server and MySQL, spearheaded adoption of new principles such as responsive design, mobile first, and adaptive design.
- Experience in creating Typescript reusable components and services to consume REST APIs using Component based architecture provided by Angular4, Angular 10.
- Expertise in tools and IDEs for development and design like Eclipse, Visual studio, Notepad++, IntelliJ, ATOM, JDev, NetBeans, WebStorm, Bracket.
- Familiar in creating complex 3D scenes using JavaScript libraries built on WebGL or three.js.
- Experienced in testing Angular applications using Jasmine, Mocha, Karma.
- Good experience with Object Oriented Design/Development (OOD), Model View Control (MVC) design pattern and Test-Driven Development (TDD).
- Excellent analytical and communication skills with capability to learn new technologies quickly and handle them with accuracy and efficiency.

Technical Skills:

Web Technologies	HTML5, CSS3, XHTML, JavaScript, Typescript, JSP, AJAX, XML, JSON, SOAP, REST APIs
UI Frameworks	Angular12/10/9/8/4,AngularJS/Angular Material, React.Js, Bootstrap, jQuery,
Programming Languages	JavaScript, Java, C/C++, and SQL
Web Servers	Tomcat Web Server, IBM Web Sphere, Web Logic , Apache
Utilities	Git, Jenkins, Maven, Jira
Databases	MongoDb, Oracle, SQL server and MySQL
Adobe	Photoshop, Illustrator, XD, Premiere Cut Pro, InDesign

Professional Experience:
First Republic Bank/Mphasis
Jul 2022 – Till Date
Role: Front End Developer
Responsibilities:

- Developed responsive and visually appealing user interfaces using Angular 8 components and Material Design principles, leveraging proficiency in HTML5, CSS, and JavaScript.
- Create custom Angular Material components (eg. Search Component, Error Page Component) as needed and optimize existing components for performance and scalability.
- Work closely with SCRUM and Business teams to ensure that designs are implemented accurately and efficiently.
- Collaborate with back-end developers to integrate front-end components with server-side logic.
- Write clean, modular, and maintainable code that follows industry-standard coding practices and conventions.
- Conduct unit testing and end-to-end testing to ensure the reliability and quality of the codebase.
- Optimize web applications for maximum speed and scalability.
- Add new features like advanced search feature that includes the multiple input fields, radio buttons, submit button with disabling logic that also handles the mandatory input error message.
- Employ the media queries and Bootstrap classes to optimize layouts for different screen sizes, enhancing accessibility and user engagement.
- Implement two-way data binding using Angular [(ngModel)] syntax, allowing for dynamic and synchronized updates between UI elements and underlying data models.
- Employ data binding techniques such as property binding [property]="value" and event binding (event)="function()" to establish efficient communication between component properties and template elements.
- Utilize custom directives and pipes to encapsulate reusable behavior and DOM manipulations, enhancing code modularity and reusability.
- Implement structural directives like *ngFor and *ngIf to dynamically render and manipulate DOM elements based on the data and application logic.
- Troubleshoot and debug issues that arise in the front-end of the application.
- Stay up-to-date with the latest trends and technologies in front-end web development and Angular Material.
- Diagnose and debug issues within the front-end application utilizing expertise in HTML,CSS , JavaScript, TypeScript, and Angular7/8.
- Work collaboratively with other developers /stakeholders to ensure that project timelines and deliverables are met.
- Developed a comprehensive low-fidelity Prototype to showcase the newly integrated Advanced Search feature, aimed at providing an initial demonstration to the Business team.
- Participate in code reviews and offer constructive feedback to other developers.
- Utilize SQL experience with Oracle database for data retrieval, manipulation, and database administration.
- Utilize NgRx for the state management in the application, ensuring smooth handling of asynchronous actions, API calls, and Observables within the state management architecture.
- Maintain organized codebase documentation, utilizing GIT for version control to ensure code integrity.
- Continuously seek to improve the user experience and front-end performance of web applications.
- Effectively communicate progress and project updates to project managers and team members.

Environment: Angular7/8, Material Design, JavaScript, TypeScript, HTML5, SCSS, SQL, Oracle, GIT, Jenkins, JIRA, Bootstrap 3, Adobe XD, Balsamiq

Verizon/Infosys
Jan 2022 – June 2022
Role: Angular UI Developer
Responsibilities:

- Built a modern application in Angular Framework to replace the legacy application developed in Java environment.
- Developed dynamic web pages using HTML5, CSS3, Angular8, Bootstrap, LESS in VS Code Editor.
- Used bootstrap media queries to make the application responsive.
- Developed wireframes, Prototypes, Low-high fidelity mock-ups of application for the initial presentation to the team.
- Used Breakpoints to use media-queries and CSS variables to determine the colors/ font-size.
- Used a 12 column grid system to make the forms dynamic.
- Tested the screens in 4 different views i.e., phone, tablet, desktop, and big screen.
- Fixed the navigation menu, accordion and some button alignment using CSS3.
- Added functionalities to highlight the button using two-way bindings.
- Made the hidden icons visible while resizing the screen.
- Debugging the onClick event results in developer tools to find out the order type API being called.
- Used Pagination to display the huge volume of order data in tabular form.
- Inherited legacy(java) logics in angular framework to build the functionalities.
- Experience in optimizing WebGL applications for mobile devices, ensuring smooth performance and compatibility across a range of mobile platforms and screen sizes.
- Written Unit test using Jasmine and Karma to ensure 100% code coverage.
- Utilized build tools such as NPM, Node.js, grunt, and babel for streamlined application execution.
- Demonstrated the ability to adapt and learn new technologies by successfully incorporating Amplify into the project workflow.
- Collaborated with the backend team to ensure seamless integration of Amplify services with the overall application architecture.
- Worked in Agile methodologies coordinating with offshore teams.

Environment: JavaScript, TypeScript, Angular8, HTML, CSS, JSON, JQuery, Bootstrap Media-Queries, VScode, Jasmine, Grunt, Babel, Karma, NPM, node.js, GitLab, Log4j, One Jira, Agile/SCRUM

Fannie Mae, Washington, DC
July 2020 – Dec 2021
Role: Angular UI Developer
Responsibilities:

- Used Agile practices and Test-Driven Development TDD techniques to provide reliable, working software early and often.
- Developed UI Components using Angular 10 with TypeScript as scripting language.
- Developed an Angular 10 application to load an Excel file then look for matches for each row in the database.
- Developed Single Page Application (SPA) with Angular 10 controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and Angular 10.
- Developed and assisted in migration of web applications to Angular 10.
- Worked on Architecture of the standalone module for the complete migration of the module.
- Utilized reusable components and guards to better accommodate the complete web application.
- Worked on MVP design pattern for cleaner separation of concerns between the view model and the controller.
- Developed custom HTML elements using Angular directives and developed Angular factories, using Angular promise API.

- Implemented Angular Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
- Employed NgRx for state management, effectively managing complex application states and actions through Redux-like principles, enhancing maintainability and scalability.
- Employed Node.js for (CI/CD) pipelines, automating testing, building, and deploying front-end applications to production environments.
- Developed a powerful Single Page Application and dynamic responsive Web Application with Angular 9.
- Created Res-useable components, Custom Modules, Custom Directives, Pipes, Services in Angular 9.
- Designed and documented REST APIs for retrieval and collection retrieval of huge volume data.
- Developed dynamic web pages using HTML5, CSS3, AngularJS, Bootstrap, LESS and Sublime Text Editor and deployed the application in Apache Tomcat.
- Used JQuery DOM manipulation and JavaScript event to generate the data result in UI.
- Attended Seminars, In-office training to leverage React JS STORYBOOK MONOREPO implementation in order to manage multiple interconnected packages.
- Used React Auto-complete for creating google maps in location search.
- Used Redux framework as a core dependency to implement flux pattern.
- Used React Draggable for drag and drop functionality.
- Involved in writing test cases using Jasmine and Karma to ensure 100% code coverage.
- Implemented unit tests using JUnit and performed integration tests.

Environment: JavaScript, Angular10, Angular9, TypeScript, HTML, CSS, JSON, JQuery, Ajax, Bootstrap, SPA, Apache Tomcat, DOM, Sublime Text Editor, Node JS, Jasmine, Karma, React JS, Rest API, Git, Log4j, Jira, Agile/TDD

T. Rowe Price, Baltimore, MD
Sep 2019 - June 2020
Role: Sr. Angular UI Developer
Responsibilities:
- Involved in all the phases of Software Development Life Cycle (SDLC) including requirements gathering, designing, programming, testing, and documentation of various projects.
- Participated in discussions with clients and followed Agile/Scrum methodology, involved in daily standup meetings, status meetings, backlog meetings and code review meetings.
- Worked with business owners and the developer teams to re-write the manufacturing parts carrier application as a .Net application using Angular 8, Web APIs, and SQL Server 2016.
- Developed applications using responsive web design, Angular8, HTML5 and Bootstrap.
- Built Angular 8 framework including MVC architectures, different modules, templates, custom directives, and custom filters.
- Used Angular 8 framework where data from backend is stored in model and populated it to UI.
- Created components, directives, services, and routing in Angular 8 for better component communication by sharing the code between the components.
- Created User Interfaces that adhere to WCAG-Compliant to meet accessibility standards, for all the users.
- Utilized Node Package Manager (NPM) to manage front-end dependencies and packages, ensuring an organized and consistent development environment.
- Used Angular 7 material design for developing internal dashboard(Date picker, Slide toggle, AutoComplete, Checkbox, Button, Badge).
- Created some reusable library UI components like table, accordion, button, tab-menu, dropdown, navigation menu, and checkbox using Angular 8 Mono-Repo style following storybook.
- Maintained the front-end layout using HTML5, CSS3 ECMAScript and TypeScript.
- Used CSS variables(SCSS) to maintain the corporate styling for the pages to build own customized themes
- Used Angular material like mat-table and mat-row to build the dashboard for tables of whitelist emails.

- Created an AEM page for integration of angular components and published them in AEM author env for CMS.
- Experienced in utilizing cloud technologies(OpenShift, AWS, Docker, Kubernetes, etc).
- Written the test cases using Jasmine/Karma unit testing to maintain the test coverage.
- Made an API call using REST services like PUT, DELETE, and GET.
- Did the code-review of team-mates and create a discussion in case of required code changes.
- Used build tools like NPM, node.js, grunt, babel to run the application.
- Used GitLab, UNITY, GITHUB for the deployment of code.
- Participated in SCRUM meetings every day following SCRUM methodology.

Environment: JavaScript, Angular8, TypeScript, HTML, CSS, JSON, JQuery, Ajax, SPA, DOM, Karma, Rest API, Git, Jira, NPM, Agile/Scrum, AWS

Office Depot, Boca Raton, FL
Nov 2018- Aug 2019
Role: UI Developer
Responsibilities:
- Created efficient design and developed User Interaction screens using Angular4, HTML5, JavaScript, JQuery, AJAX and JSON.
- Used Angular4 as the development framework to build a single-page application and done CRUD operations with http service.
- Created UI Architecture design using Angular4 components, thorough understanding of core concepts like NgModules, services, Dependency Injection, and decorators.
- Worked in SpringBoot Framework using Java 8 in one of the microservices (Billing Service) assigned to me in order to parameterize N1QL queries for avoiding SQL injection.
- Created application using responsive web design, Angular4, HTML5 and Bootstrap.
- Optimized the performance of the application using Angular4 new features and packages.
- Developed application using concepts of Single page application using Angular 4, Angular CLI commands.
- Worked on some of the new features of Angular4 like new if else syntax, ng-templates, form validators.
- Designed and developed various screens using JSP, JavaScript, HTML, and CSS.
- Created HTML5 navigation menu that is role-based menu items changes dynamically, derived from the database in the form of XML.
- Implemented Angular4 Service calls using Angular Factory.
- Developed user friendly navigation for various sections of data using JQuery Accordion and Tabs.
- Designed page layout using HTML5, CSS3 along with JQuery and adding dynamic functionality to each module.
- Developed various services in Angular that consume REST services from the backend written in .Net.
- Developed Page layouts, Navigations, presented designs and concepts for clients and management to review,
- Worked in the Agile/Scrum development environment with frequently changing requirements and actively participated in scrum.
- Handled all aspects of the web application including maintaining, Swagger testing, debugging, and deploying.
- Worked closely with UX Designer and Client to gather the requirements and build the application according to various wireframes.
- Created Low-high fidelity Prototype.
- Used JIRA to keep track of bugs to reduce downtime, increase productivity, and Communication.

Environment: JavaScript, Adobe XD, Figma, Angular4, Angular CLI, Typescript, JQuery, JSON, HTML5, CSS3, XML, Ajax, Bootstrap, JSP, UAT, Jira, Agile/Scrum

Youngstar Club, Nepal
May 2013 - July 2016
Role: UI Developer

Responsibilities:
- Gathered and analyzed the requirements and converted them into user requirement specifications and functional requirement specifications for the designers and developers to understand them as per their perspective.
- Developed customer facing software for managing advertisements to grow the business using JavaScript, HTML, CSS.
- Analyzed, Designed, and developed the system to meet the requirements of business users.
- Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON, and XML
- Implemented and designed user interface for web-based customer application.
- Developed publish and subscribe events using broadcast and $emit to imitate the communication between controllers along with services.
- Created reusable Angular JS component that can be code-shared among the site utilizing Angular UI's date search widget to support the site's overall design specification.
- Provided resolution for responsive models, CSS related bugs, and also most of the time solved JavaScript, JQuery and CSS related bugs like setting position.
- Used AJAX and JSON to request data from server and get all the information of warehouse status to be shown on the front-end side.
- Implemented Single Page Design and customized directive and filter criteria by using AngularJS.
- Worked on multiple AJAX call scenarios using http and location modules along with creating promises by using service modules.
- Utilized JavaScript and JQuery libraries for form validation.
- Wrote JQuery function while implementing various UI Screens across the whole web application both consumers facing as well as internal application.
- Implemented HTML5 feature like semantics, local storage, data and required attributes and sliders.
- Used CSS3 features like CSS3 Media Queries, Pseudo Classes, multi-column layout, gradients, and web fonts.
- Used the Git for version controlling JIRA for the project tracking.

Environment: JavaScript, AngularJS, Typescript, HTML5, CSS3, Bootstrap, JSON, Ajax, JQuery, Rest API, Karma, Jasmine, Git, Jira

Educational Details:
Master of Arts:
Web Design and Multimedia Touro College Graduate School of Technology - New York, NY
[2016 - 2018]
Bachelor of Science:
Multimedia Technologies Islington College - London Metropolitan University - Kathmandu, Nepal
[2011 - 2014]