

Surender Reddy B

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Visa: H1B

SUMMARY:

- Around 10 years of professional experience in all phases of Software Development Life Cycle (SDLC) including Requirements Gathering, Analysis, Design, Implementation and Maintenance and testing various methodologies along with wide-ranging skills in web application development.
- Experience working with Network , E-commerce (PoS), and financial clients.
- Experience in Designing and building dynamic and user interactive websites using HTML5, CSS3, Figma ,AJAX, JavaScript, AngularJS, Angular 2+, Bootstrap, Node.js and JQuery.
- Worked on SPA (Single Page Web Applications) using RESTFUL & GraphQL, web services plus JavaScript frameworks, Ajax, Bootstrap, and Angular 2 to 14 and Node.js.
- Extensively used NgRx as a state management tool.
- Involved in deploying the application using Jenkin CI/CD pipelines.
- Experienced in all phases of SDLC including requirements Analysis, Design, Development, Debugging and Testing, Integration, Deployment.
- Worked on Multiple Frontend libraries like Flex Layout, Angular Data tables, Ngx Data tables, Ngx Charts, Ngx Logger and frontend testing tools like Karma and Jasmine.
- Strong Object oriented Javascript programming skills with proficiency in multiple javascript based frameworks.
- Follow agile methodology and extensively use JIRA for tracking.
- Used Git, Bitbucket and Jenkins for the continuous integration and deployment.
- Good Expertise on using CVS, SVN, GIT for Source code version control and various IDEs like IntelliJ, VS Code and Eclipse.
- Team Player with good analytical, technical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels and can work as a part of a team as well as independently.

TECHNICAL SKILLS:

Languages	HTML, Figma, JavaScript, TypeScript, CSS, SCSS.
Frameworks	Ionic framework stack,Angular, Angular material, Apache,cordova ,Node JS, jQuery, Bootstrap, Primeng, AWS Lambda.
Testing Tools	Jest, Jasmine, Karma, Cypress and Cucumber.
Methodologies	Agile, Waterfall, Scrum.
Code Version Control:	Git, Bitbucket, code commit, SourceTree.

PROFESSIONAL EXPERIENCE

Client :AT&T
Software Developer

Jan 2021 – Present

Responsibilities:

- Developed UI Application using Angular Framework and libraries such as Angular Material, Flex Layout, Bootstrap and Angular Data tables.
- Developed Custom Interceptors, Pipes, Guards and Directives to aid in the Angular Application.
- Implemented Drag and Drop feature, Reactive Forms, Data Grids along with making sure the Application is responsive to Multiple Screen sizes.
- Responsible for the implementation of Web Design based on CSS3, HTML5, Ionic JavaScript, Figma, jQuery and Front-End Framework Angular.
- Implemented Okta-angular and okta-auth-js library to handle user authentication and used ng-idle to detect the user inactive state.
- Developed a RESTful Web API using Node.js in the project for communication and provision of real-time data from the integrated server to the client application.
- Implemented custom Date picker and custom form validators to help with reactive forms.
- Worked on Modular Application design and lazy-loading the modules at the routing level. Used various libraries like NGX-charts, ng2-charts to visually represent the quantitative information in the form of charts, graphs, plots and so on.
- Built backend scheduler jobs using Node.js binding to generate automated alert systems.
- Involved in deploying the application using Jenkins CI/CD pipelines.
- Created Typescript reusable components and services to consume REST.
- API's using Component based architecture provided by Angular 13.
- Built Angular Test Cases using Jasmine Test Framework and karma test runner.
- Used NPM as the package manager and NPM scripts as build tools for the application.
- Created various Subjects and created observables to share data between different components.
- Used Rxjs Operators (map, filter, take, take until etc) to allow asynchronous event flow.
- Extensively used RXJS with Angular 6 to create Observables in implementing the various functionality and used NgRx to maintain the status of the application.
- Used Git, Bitbucket and Jenkins for the continuous integration and deployment.
- Understanding of using Cloud technologies, Used AWS for various features such as S3, DynamoDB, CloudWatch etc.
- Consumed RESTful services APIs as per the Swagger definition to implement POST, PUT, DELETE and GET methods using Jwt tokens to ensure authentication and authorization.
- Followed agile methodology and Involved in Full Life Cycle Development from Requirement Analysis through Design, Development, Integration, and testing phases.
- Assisted the deployment and support teams for production releases also worked on resolving various production defects.

Client: PNC Bank.
Software Developer

Jan 2019 – Dec 2020

Responsibilities:

- Designed and developed the dynamic web application using HTML5, CSS3, Figma, SCSS, ECMAScript (ES6), jQuery, Bootstrap, and Angular 10.
- Extensively used RxJS with Angular 8 to create observables in implementing the various functionality and used NgRx to maintain the status of the application.
- Extensively used Jasmine, Jest, Karma for unit and integration testing and Cypress for e2e testing.

- Worked on fixing the Sonar related issues.
- Utilized Asynchronous Ajax requests and jQuery calls inside the Web Application to load data using call-back functions.
- Created Restful web services/ API's using Node.js.
- Design and implementation of application Components using Angular Architecture.
- Implemented modules into Node JS to integrate with designs and requirements.
- Developed the application for the lab test providers for showing the wide range of tests available and their details.
- Working on cloud technology
- Developed RESTful endpoints using Swagger, Express in Node.js for fetching data sent from devices and deploying the API on the cloud.
- Consistently define and apply technologies, standards, and software engineering practices, working with a geographically distributed team of developers.
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**Client: Dolphins POS
Software Developer**

May 2016 – Dec 2018

Responsibilities:

- Gathering the requirements from the business and performing the requirement analysis.
- Developed the project using agile methodologies and Test-Driven Development.
- Prepared Low Level Design document and Detailed Design Document document.
- Responsible for setting up AngularJS framework for UI development.
- Participated in Agile development processes, including sprint planning, daily status and follow-up.
- Developed GUI views with Ionic, CSS3, JSON and AngularJS.
- Developed the application as Single Page Application (SPA) using AngularJS 1.5 MVVM framework.
- Expertise in designing and developing robust retail Point of Sale (PoS) systems using Angular.
- Adept at creating user-friendly, efficient, and scalable applications that enhance customer experience and streamline retail operations.
- Strong background in frontend development, integration with backend services, and providing technical leadership.
- Supported PoS system development for retail customers, delivering high quality software solutions on time and on budget.
- Using Angular, reusable objects and front-end libraries were created, resulting in more efficient development and code maintenance.
- Worked with backend developers to integrate RESTful APIs and ensure seamless data flow between PoS terminals and servers.
- They participate in continuing education to keep you up to date with the latest industry trends and best practices in frontend development.
- Helped with troubleshooting and resolving technical issues, providing support for PoS systems implemented.
- PoS systems integrated with backend services and APIs, for ease of data exchange and deployment.
- Worked closely with stakeholders to gather requirements, define project scope, and deliver customized PoS solutions.
- Security measures were implemented to ensure compliance with industry standards to protect sensitive data.

Client: Prolifics Corporation

Jan 2015 – Apr 2016 Software Developer

Responsibilities:

- Developed the web application in MVC Architecture using Angular, HTML, CSS, Bootstrap, Javascript & Jquery.
- Create user interaction models, workflows, information architecture, schematics, prototypes and interface guidelines.

- Implemented authentication and authorization of the application using Okta and OAuth.
- Interact with the Javascript functions to add dynamism to the web pages at the client side.
- Requirement gathering through direct client interaction and Analysis of the Usability Specifications provided by the clients.
- Implemented Single sign on, Session Timeout and refresh functionality.

Dhruv Consulting Services, India
Software Developer

March 2014 – Dec 2014

Responsibilities:

- Analyze existing applications and interact with all key stakeholders (business and technical) to understand UI requirements for modern applications.
- Design and implementation of application Components using Angular Architecture
- Worked on the project to migrate from AngularJS 1.7 and built project architecture.
- Consistently define and apply technologies, standards and software engineering practices, working with a geographically distributed team of developers.
- Developed the project using agile methodologies and Test-Driven Development.

- Prepared the LLD (Low Level Design) document and DDD (Detailed Design Document) document.
- Developed the application as Single Page Application (SPA) using AngularJS 1.x MVVM framework.
- Utilized Asynchronous Ajax requests and jQuery calls inside the Web Application to load data using call-back functions.

EDUCATION:

- Bachelor's in Computer Science, JNTU, India.