**Mounica reddy saireddy Email: msaireddy65@gmail.com**

**Software Developer Phone: 510-556-3797**

**PROFESSIONAL SUMMARY**

* A proven creative professional with 7+ years of experience designing for the web, with a specialized focus in the areas of User Interface & User Experiences and Visual Design.
* Excellent experience in designing and developing front-end and rich GUI interfaces using HTML, CSS, jQuery, AJAX, JavaScript, Angular.js, Node.js, React.js, JSP.
* Expert knowledge of the User Interface designing throughout the development lifecycle (SDLC).
* Knowledge in requirements gathering, refinement, storyboards, wireframes, mock-ups, prototypes.
* Created reusable React components and implemented Redux Pattern into the solution to maintain the stable and always updated Application state.
* Expertise in creating wireframes & fidelity diagrams on Axure RP, Balsamiq and Omni Graffle.
* Extensively experienced in architectural issues and their solutions using various design patterns such as MVC(Model-View-Controller), Singleton, Factory, Session Façade, Service Locator, DAO and Business Delegate.
* Extensive knowledge of CSS and JS methods for providing perform ant visual effects.
* Expert in creating single page applications(SPA) using Node.js and created responsive Designs for major applications
* Expert in Developing Single Page Applications using Angular.js.
* Experience in writing jQuery code and JQuery libraries.
* Produced and Consumed RESTful Web services using SpringBoot.
* Solid experience with Responsive Web Design (RWD) using media queries and Bootstrap.
* Expert in technologies such as HTML, CSS, jQuery, including preprocessors such as SCSS and LESS.
* Experienced in implementing Service Oriented Architecture (SOA) with XML based Web Services (SOAP/REST).
* Proficient in handling response data from RESTful web services using XML, JSON and jQuery to update UI.
* Created presentation layer using JSP, JSTL, Thymeleaf, Bootstrap, HTML5, and CSS3 along with Angular 2 to keep the code readable and make dynamic frontend.
* Experience in Water Fall, Agile (SCRUM) development methodologies.
* Experience in developing Web-centric applications using XML, Angular.js (2 and above), React.js 15, Node.js, JavaScript, jQuery and CSS3.
* Strong conceptual, analytical and problem-solving ability along with ability to easily grasp and put into application new ideas, concepts, methods and technologies into the application.
* Worked on writing Angular/ES6 services and Typescript to fetch data and implemented custom directives to develop re-usable components.
* Exposed Restful Web API endpoints using HTTP verbs of GET, PUT, POST and DELETE.
* Good experience in designing the databases, data modeling and writing stored procedures and triggers.
* Using SQL Server, MongoDB, Cassandra and Oracle.

**TECHNICAL SKILLSET**

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| --- | --- |
| UI Web Technologies | HTML5, CSS3, SASS, LESS, RWD, Animations, Validation, Media Queries, Bootstrap, Native JavaScript, jQuery, AJAX |
| UI Frameworks | Angular.js, Angular2, Angular 4, Angular 7, MVC, JSON, Node.js, React.js, Express.js |
| Backend Technologies | Java/J2EE, Spring Boot, Hibernate, REST, SOAP, Swagger, POSTMAN, JSP |
| Designing tools | Adobe Photoshop, Adobe Illustrator, Sketch, Axure, InVision, Adobe After Effects, UX, Prototyping, Low/High fidelity wireframes, Branding, Printed Media |
| Application Server | Apache Tomcat, HTTP Webservers |
| DATABASE | SQL, MySQL, Oracle, Cassandra, dbeaver, Cosmos DB, Mongo DB |
| Testing Technologies | Jasmine-Karma, Protractor |
| Version Control | Subversion, CVS, SVN, Git Hub, Bit Bucket, Perforce |
| IDE | Eclipse, IntelliJ, Sublime, Notepad++, Microsoft Visual Studio |
| Methodologies | Agile, Waterfall, TDD |
| Project | Adobe PageMaker, MS Office, MS Project |
| Programming | C#, Java, C, C++ |
| Other tools | Firebug, Bugzilla, JIRA, IE Developer |
| Operating tools | Windows XP, 7, Mac OS, Unix |

**PROFESIONAL EXPERIENCE**

**BNSF Railways,** *Fort Worth, TX* **March 2018 – Till Date**

**UI / Full Stack Web Developer**

**Track Health Optical Recognition (THOR)**: BNSF is currently maintaining all application in Mainframes which they want to modernized. Capture continuous image data of rail and associated assets from a rail car. The camera system on the car will capture images and preprocess to possible defects. The data will be uploaded to a cloud solution. Identifying assets and determine points of concern. Also Automate defect identification on tracks.

**Responsibilities:**

* Designed/Fixed UI for web applications using React.js, Angular.js 7, Angular material, HTML5, CSS3 and JavaScript.
* Used Bootstrap CSS to develop responsive interface compatible with any mobile device and desktops.
* Involved in planning and gathering business requirements from business users for development of an interface for locomotive and equipment management systems handled by electrical and mechanical field users.
* Developed Car web app single handedly with screens to view and zoom images of railway track. (React 16, bootstrap, redux)
* Developed Annotator web app single handedly with screens to search, navigate and mark/edit annotations on image drawn on html canvas (React 15, CSS, redux).
* Worked on fixing test cases of web portal developed in Angular 7 (with UI designed using material UI).
* Worked as developer in adding new aggregation joins, schema etc. and fixing bugs in already designed and developed API using Express.js leveraging MongoDB for data.
* Created the Databases Using the NoSQL Databases such as MongoDB and Cosmos DB.
* Worked in Azure Cloud environment where the data is uploaded to the cloud solution.
* Implemented OAuth2 Azure Authentication integration for the Annotator web app where the User can login into the application to annotate the images.
* Developed Unit and Integration test cases for automated functional testing of applications using Snapshot and enzyme.
* Provided guidance and training to subordinates to finish deliveries as a team.
* Managed source code control using GIT Hub.
* Worked with the team with agile methodology and used Version One tool for the tracking SDLC processes.
* Performed daily on-site activities and was involved in scrum meetings to provide value for the business within a planned delivery timeline.

***Environments***: React.js, Angular 7, Angular Material UI, JavaScript, HTML, HTML5, Bootstrap, CSS, Express.js, Type script, Mongo DB, Cosmos DB, Azure Cloud, GIT, GitHub, Gitbash , Git GUI, Microsoft Teams, Version One, Visual Studio Code

**T-Mobile,** *Bothell, WA* **April 2017 – Feb 2018**

**Software Developer**

T-Mobile is one of the key and strategic subset of T-Mobile Universe 2.0 program T-Mobile Upper Funnel will enable a seamless customer experience in any channel focusing on creating a consistent user interface experience through unified screens and flows across Web/Self Service, Care and Retail. Upper Funnel project thrives on three basic principles, Mobile First, Radical Simplification and Unified experience.

**Responsibilities**:

* Involved in Full Cycle of Software Development from Analysis through Design, Development, Integration and phases.
* Followed Agile Software Development with Scrum methodology.
* Worked closely with the Business/Users team in translating technical requirements into application code.
* Developed web layer using Spring framework.
* Produced and Consumed RESTful Web services using Spring Boot.
* Developed various generic JavaScript functions used for validations.
* Produced and Consumed RESTful Web services using SpringBoot.
* Developed Multiple Widgets using HTML5, CSS, JavaScript, jQuery, Angular.js and AJAX.
* Used Spring Boot for building Micro services and developed spring-based application radically faster with very less configuration.
* Created the API Gateway using Spring Cloud Netflix (Zuul) for micro services and Added the Hystrix circuit breaker for critical services.
* Experience in implementing Oracle SQL as an oracle client to query the database.
* Worked on performance related things and reduced the page rendering time.
* Experience in using the Object Relational Mapping Tool Hibernate, strong in using XML mappings and Java Objects.
* Using micro services architecture pattern, designed and developed highly scalable micro services to address analytics platform requirements using the Sass, Less.
* Created the Databases Using the NoSQL Databases such as MongoDB, Cassandra, Zookeeper and Kafka.
* Developed single page applications using React Redux architecture, ES6, web pack and grunt.
* Implemented the project structure based on Spring MVC using SpringBoot.
* Developed Java/JMS based APIs to interact with Golden Gate oracle database.
* Successfully performed the Restful APIs Integration using JSON and tested it using Postman.
* Used JIRA, Quality Center and Confluence for project management, tracking defects and monitoring errors.
* Used Jenkins to build and deploy the application.

***Environments:*** *Angular JS, JavaScript, Bootstrap, CSS3, HTML5, PCF Cloud, Java, Jenkins, Sql DBA, eclipse, Sublime, RESTful Web services Spring web MVC Framework, Quality Center, Tomcat, Postman, Gulp, Cassandra, SpringBoot, Git, Perforce, Thymeleaf, ES6, Microservice Architecture, JIRA, JSON, Kafka.*

**Thomson Reuters,** *Portland, OR* **Feb2016 - Mar 2017**

**Sr. UI Web Developer**

Thomson Reuters Corporation is a major multinational mass media and information firm. Thomson Reuters simplifies the lives of tax and accounting professionals. Indirect Tax Determination is a tool which can be used by various organizations for calculating the tax for the state or country they are established in. The application is built using Java, Angular2JS, Bento Framework and CSS (bootstrap/less) and it interacts with Oracle 11g database. The application is deployed on Apache Tomcat 7.x Server and the various quality tools used Sonar and Karma code coverage.

**Responsibilities:**

* Developing UI front-ends using Node.js, Angular.js to turn UX designs into reality.
* Used CSS pre-processors (SASS and LESS).
* Developed user interface using JSTL, HTML, JavaScript, jQuery and CSS.
* Created stand-alone applications using SpringBoot.
* Grunt is used to create UI builds and run UI tasks like compiling less files to generate a CSS file. Grunt is also used to run multiple tasks like merging small icons into a single image to use sprites. Grunt also helped to maintain the code and check code quality and also used the Grunt Task runner in order to manage the Project.
* Responsible for developing the UI pages using HTML5, CSS3, LESS, JavaScript, Bootstrap, JSON,   
  JQuery, Angular .js, Thymeleaf, and Ajax.
* Built different modules, controllers, templates, custom filters and directives in Angular JS.
* Built Single Page Applications (SPA), Responsive Web design, UI using HTML5 Grid Layouts.
* Created GET/PUT/UPDATE request and response using RESTFUL web services.
* Creating interactive prototypes using HTML5, CSS3, JavaScript front end code from a combination of wireframes, visual designs and design standards.
* Develop various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux libraries.
* Experience in creating responsive design and single page applications using Node.js
* Involved in Coding, styling, testing of reusable JavaScript, CSS3, HTML5 widgets/ libraries for complete UI controls.
* Experience in using various jQuery UI controls and corresponding Event handlers etc.
* Unit and performance testing of design as part of development cycle.
* Jasmine unit and e2e tests on Karma and Protractor
* Strong hands-on experience with Spring IO, Spring Boot with Thymeleaf, Micro services.
* Used GitHub as source version control tool, to manage the code repository.
* Managed code versioning with GitHub, SVN and deployment to staging and production servers.
* Used JIRA for bug tracking and issue tracking.
* Involve in active discussions using Slack
* The application was developed by agile development with Scrum methodology.

***Environment:*** *HTML5, CSS, JavaScript, Angular.js, Bootstrap, JSTL,* SASS, Bower, yeoman, Grunt, *RESTful, GitBash, GitHub, JIRA, IntelliJ, SpringBoot, Bento-UI, Thymeleaf, Collaborator.*

**T-Mobile,** *Bellevue, WA* **Jan 2015 - Jan 2016**

**Frontend Developer**

T-Mobile Upper Funnel is one of the key and strategic subset of T-Mobile Universe 2.0 program T-Mobile Upper Funnel will enable a seamless customer experience in any channel focusing on creating a consistent user interface experience through unified screens and flows across Web/Self Service, Care and Retail. Upper Funnel project thrives on three basic principles, Mobile First, Radical Simplification and Unified experience.

**Responsibilities:**

* Responsible for design, develop and unit testing of T-Mobile Telecom wired and wireless applications using AEM 6.1
* Involved in designing user interactive web pages as the front-end part of the web application using various web technologies like HTML, JavaScript, Angular JS, AJAX and implemented CSS for better appearance and feel.
* Integrated AEM to the existing web application and created AEM components using JavaScript, CSS and HTML.
* Used AJAX to modify small portions of the web pages by sending a request to the server avoiding the need of reloading the entire webpage.
* Converted data from database into JSON format files and retrieved the same in form of restful APIs.
* Built application for scale using JavaScript frameworks (Angular.JS, Node.js and React.JS).
* Was responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Internet explorer, Firefox and Google Chrome.
* Used Angular.js, Http Request to read data from web servers and process JSON data to render in the UI.
* Participated in development of a well responsive single page JavaScript in conjunction with HTML5, CSS3 standards, with front end UI team.
* Development of static web pages, landing pages, category landing pages using content management system, AdobeCQ5
* Provide estimates, designs, and specifications forCQ5 templates and components.
* Jasmine unit and e2e tests on Karma and Protractor
* Used Bitbucket as source version control tool, to manage the code repository.
* Interactive in providing change requests, trouble reports and requirements collection with the client.
* Managed code versioning with Bit Bucket and deployment to staging and production servers.
* Developed common libraries for use across projects - modules, services, and filters for localization, messaging, exception handling, session management, and user profile
* Used JIRA for bug tracking and issue tracking.
* Was responsible to attend Daily Scrum and share the Sprint's work status.

***Environment:*** *HTML5, CSS, JavaScript, Angular JS, Bootstrap, JSP,* SASS, Thymeleaf, Bower, yeoman, Grunt, *RESTful, React, Bitbucket, CQ5, JIRA.*

**PNC Bank,** *Cleveland, OH* **July 2013 – April 2014**

**Sr. UI Developer**

PNC Financial Services Group, Inc. (PNC) is an American financial services corporation (headquartered in Pittsburgh, PA). PNC operations include a regional banking franchise operating primarily in nineteen states and the District of Columbia (also offering online and mobile services), specialized financial businesses serving companies and government entities, and asset management and processing businesses. Project was to create Personal Banking Application Using HTML5, CSS3, JavaScript and Angular.js using agile Methodology.

**Responsibilities:**

* Lead scope discussions with the business analysts and the stakeholders to identify the user requirements and the user experience.
* Design and create wireframe prototype and visuals for the multi-application screens develop HTML prototypes and UI deliverables and interface design specifications.
* Wrote Angular.js controllers, views, and services for new features.
* Worked with Angular.js routers, forms, modules, DOM, events, expressions, controllers, filters and Http Request.
* Implemented bootstrap CSS in Angular.js for developing rich and responsive UI.
* Used Angular.js, Http Request to read data from web servers and process JSON data to render in the UI.
* Developed application layout and responsive web pages using HTML, CSS and Bootstrap.
* Wrote Ajax calls to RESTful web services.
* Assist with walk-through and usability testing. Update UI per changing needs and requirements.
* Strong proficiency with jQuery, jQuery plugins (Validator, Drag and Drop, AutoComplete), AJAX, JSON and XML.
* Tested cross browser functionality and fixed major layout bugs for supported browsers.
* Performed JavaScript Unit testing with JS Test Driver and Jasmine.
* Used JIRA for bug tracking and issue tracking.

***Environment:*** *Angular.js, Bootstrap, JavaScript, JQuery,CSS3, HTML5, AJAX, JSON, JS Test Driver, Jasmine, RESTful, Agile, JIRA.*

**Virgin America,** *Burlingame, CA* **Oct 2012 – June 2013**

**Sr. UI Developer**

Virgin America, headquartered in Burlingame CA, is a domestic airline that connects over 23 cities throughout the United States. My role here was to build a responsive Single Page Application, using HTML and Angular.js and other technologies.

**Responsibilities:**

* Involved in User sessions, gathering requirements and developing web application using agile methodology.
* Worked on highly advanced user interface design and development using Angular.js, Node.js, HTML and CSS.
* Used jQuery plug-ins to implement features as a light box, galleria, sliders and other intuitive features.
* Worked with SPA (Single Page Application) framework Angular.js and Bootstrap CSS framework.
* Used React Components on the view layer, Angular for business logic.
* Used SVN for version control systems.
* Articulated business strategy and branding issues and to balance these with user needs and technological constraints.
* Worked closely with product managers, developers and internal stakeholders throughout the product design.
* Designated UI architecture for the internal web application and worked with designers to constructs conceptual Wireframes and Mockups.
* Extensively used jQuery in implementing various GUI components in application portal.
* Worked on JSON, XML parsing as a part of the project.
* Worked on User centered design process to create wireframes and convert it into a working prototype.

***Environment:*** *Angular.js, Bootstrap, JavaScript, CSS, HTML, JQuery, JSON, XML, Node.js, SVN, Firebug, JSP*

**Mphasis,** *Hyderabad, India* **Jun 2011 - Sep 2012**

**Web Developer**

**Responsibilities:**

* Developed front-end screens with HTML, DHTML, CSS, JavaScript and JSP’s. Extensively did client-side validations using JavaScript and developed the required Servlets.
* As a developer, coordinated with onsite team and client in understanding the business process and requirement understanding.
* Developed stores procedures, triggers, functions and database tables in Oracle database.
* Worked on developing a suitable GUI for ATM locator.
* Participated in daily meeting for enhancing the features for the portal.
* Participated in Code review and Quality Assurance.
* Used JDBC, application server provided transaction API for accessing data from the Oracle the using standard statements.
* Used GIT for version control and Quality Center for defect tracking.
* Creating cross-browser compatible and standards-compliant CSS-based page layouts.
* Strong communication, analytical and interpersonal skills working within cross-functional teams.
* Worked on cross browser compatibility issues and fix the bugs pertaining to various browsers

***Environment:*** *HTML, CSS, DHTML, JavaScript, jQuery, Oracle, GIT, XHTML, JSON*