**Sumanth Emai Id:** [**sumanth.techie9@gmail.com**](mailto:sumanth.techie9@gmail.com)

**UI/MEAN/Angular Developer Contact Number: +**1- (815)-496-0803

**Portfolio Website:** [**https://sumanth0304.github.io**](https://sumanth0304.github.io)

**EXPERIENCE SUMMARY**

* Around 8 years experience in the programming, Front-End Web App, and User Interface (UI) development using **Angular2/4/5, ReactJS, Typescript, ES 6, XHTML, DOJO, JavaScript, Mongo DB, Ember JS, Vanilla JS, Canvas JS, JQuery, AJAX, XML, AngularJS, Node JS, Bootstrap, JSON, HTML 4/5, CSS.**
* Excellent in **backend/server-side stack**, I've built large scale applications with Node.js with relational **(MySQL)** and non-relational **(NOSQL)** databases such as **MongoDB**.
* Proficient in developing responsive mobile friendly websites quickly and effectively using **HTML5, CSS3,** **JavaScript** and **jQuery** and experience in making them cross browser compatible.
* Strong experience in working on modern full stack JavaScript environment like **MEAN** (Mongo, Express, Angular, Node) for developing single page applications.
* Expertise in implementing Closures, Promises, Async and Await, Callbacks, Prototype inheritance and Object-oriented concepts **(OOPS).**
* Experience in implementing Component life cycle architecture, store actions, using socket.io in **React-Redux app** to handle real time data, installing React Router, Thunk Redux for API calls in **React JS**
* Expertise in **Vanilla JavaScript** including prototype, scope and module concepts.
* Expertise in building strong websites confirming Web 2.0 standards using Yahoo User Interface (YUI) Framework, **JQuery, HTML, XHTML, DHTML & CSS** to develop valid code and table-free sites
* Experience using **ECMAScript 6** and transpilation of **ES6 to ES5** using **Babel.**
* Extensively Worked on **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table, Pseudo Elements & Classes and CSS Behaviours in CSS.**
* Experience in Applications using **AJAX,** Object Oriented (OO) JavaScript, **Angular JS,** **DOJO, flexbox**, **Node JS**, Kendo UI, Knockout JS, and **JSON, JSONP,** and **XML**, spring.
* Experience with data visualization libraries like **d3.js** and **Angular FusionCharts.**
* Knowledge on web application development in Agile, scrum, and Waterfall environment.
* Experience in developing web service applications using **SOAP** and **REST APIS.**
* Experience in developing style components with **LESS & SASS.**
* Hands-on experience in consuming **RESTful** serviceusing **JavaScript, jQuery and AngularJS.**
* Expertise in working on **AWS, OpenShift** tointegrate Server and Client-side code.
* Hands-on experience in **AWS cloud resources** to better achieve a lower cost and higher performance/uptime.
* Experience with Agile methodologies and used **TDD/BDD** technologies for testing the applications.
* Excellent understanding of DB Design, DB normalization and writing **SQL** queries with **RDBMS** like **MySQL, MySQL** server.
* Worked with **Node JS, Express, Grunt, Gulp** and **Bower** for setting up local server, running tasks and managing dependencies.
* Experience in using **Node JS** and Express for making calls (GET, POST, PUT, DELETE) for triggering or fetching data from Restful API's provided by the backend team.
* Worked with Relational and NOSQL databases like **MongoDB, Oracle, PostgreSQL, IBM Informix** and **DB2**. Hands on experience writing **SQL** Queries.
* Involved in using various IDE's like Dreamweaver, WebStorm, IntelliJ, Notepad++, Eclipse, Sublime Text 2, Brackets. and Visual Studio.
* Experience in unit testing tools using **Jasmine, Karma, Junit, Mocha**, **Chai, Protractor** and **Selenium unit** testing framework along with **TDD** environment and expertise in **Web pack, Gulp** and **Grunt.**
* Worked on version control tools such as **GIT, SVN**,integration tools like **Jenkins**, bug tracking tools like **JIRA**, cloud platforms such as **AWS.**
* Evaluate current applications and recommend processes to move applications into **Angular-cli** and **Angular 4/5** with backend services.

**Skill Set:** **HTML (8 Yrs), CSS (8 Yrs), PHP (4 Yrs), Angular.Js (6Yrs), Node.Js (4 Yrs), MongoDB (3), C,C++,Sql, Pl/Sql,Backbone.JS, Waterfall, Agile , Adobe Illustrator, JQuery, Ajax ,AWS,OpenShift**.

**TECHNICAL PROFICIENCY:**

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| --- | --- |
| **Web Technologies** | HTML/HTML5, CSS/CSS3, DHTML, XML, XHTML, XSLT, Java, JavaScript, Ajax, jQuery, JSON, Apache, PHP |
| **Frameworks** | AngularJS, Angular 2/4/5, NodeJS, Express js, Redux, jQuery, Bootstrap |
| **IDE’s and Tools** | Visual Studio Code, Eclipse IDE, Dreamweaver, Developer Tools, Sublime Text |
| **Wire Frame Tools** | Adobe Illustrator CS3, Adobe Photoshop CS3/CS4 |
| **Web services** | JSON, AJAX, RESTful |
| **Debugging Tools** | GULP/GRUNT, Firebug, Karma, Jasmine and Mocha |
| **SDLC Processes** | Agile, Waterfall, Scrum |
| **Servers** | Apache Tomcat, IBM Web sphere, Open Stock |
| **Operating System** | Window 98/2000/XP/Vista/7/8/10, UNIX, LINUX, MS-DOS, MAC OS X |
| **Database** | Oracle 9i, 10g, / SQL Server 2005, 2008, NoSQL SERVER, MS SQL, MongoDB |

**Edcucation:**

Bachelor’s in computer science and engineering – Anna University-Chennai-2009

**Professional Experience:**

**United Health Group / optum - Hartford, CT**  **april 2018 to current**

**Role**: **MEAN Stack Developer / Sr. UI Developer**

**Project: BEACH Application**

**Description:** Benefit Eligibility and Coverage Hub (BEACH) provides an advanced benefit browser experience for UnitedHealth Group employees who need to access health plan benefit language and other information, including copays, deductibles and coinsurance values, at a group or member level.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Used **Angular - 2/4** MVC framework including authoring complex directives, services, components, filters, routing and states to support routing in single page applications.
* Working closely with Director on NextGen versions of current applications (Angular 2/4/5).
* Involved in developing User interface using **AngularJS 1.5** framework, Typescript, HTML5, ES5 and CSS3.
* Implemented routing to route pages from one view to another using Angular Routing. Implemented routing both manually and using Angular CLI.
* Implemented **Express Router** to enable navigation from one view to the next as user performs application tasks.
* Used **NodeJS** and **ExpressJS** to create non-blocking input output models on the server side.
* Involved in matters relating to **Angular 5** to ensure products were released in a timely fashion and that the code remained organized.
* Developed the application with angular libraries like ng2-table, ngx-loading, ngui/sticky, ng2-datepicker, angular-calendar, angular2-grid, angular/material, codelyzer, **Angular 2** Webpack.
* Used Angular **HttpClient** to communicate with API and used map, filter, subscribe in **Rxjs.**
* Created **TypeScript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 2/4.**
* Created **NodeJS** servers to fetch **Restful API’s** from servers.
* Used other javascript/NodeJS libraries such as lodash, async, express, Winston, morgan.
* Developed models to persist data in **MongoDB** using **Mongo-Client**.
* Extensively used NodeJS promises to request data form third party API’s.
* Involved in migration of CI/CD processes using Cloud Formation and Terraform, packer Templates and Containerized the infrastructure using Docker, which was setup in **OpenShift**.
* Used **SQL** queries & **PL/SQL**-Stored procedures, function, triggers, cursors, object types, sequences, indexes.
* Working on developing a cloud platform on **Red Hat OpenShift** Container Platform wherein **NodeJS** servers can subscribe to various business events generated and take suitable actions based on Business Rules.
* Used Node Package Manager (NPM) as package manager for JavaScript, **GUL**P for task runner, which handles template cache and code minification and **Webpack** for installing frontend dependencies.
* Performed unit testing using **Jasmine, Karma** and functional testing using **mocha-chai** along with integration testing Chrome Inspector to fix bugs and worked closely with QA.
* Used **Git** as a version control and used **RALLY(CA-Agile)** for bug management.

**Environment**: HTML/HTML5, CSS/CSS3, SASS, Bootstrap3, Typescript, AngularJS 1.5/2/4, ExpressJS, jQuery, AJAX, JSON, Loopback 3, Node JS, NodeMailer, Node Schedule, OAuth, SQL Visual Code, MongoDB, Gulp, NPM, Github, Jasmine, webpack, Karma, Mocha-Chai, Github, RALLY.

**Televox software- Mobile, AL**  **July 2016 to March 2018**

**Role**: **MEAN Stack Developer / Sr. UI Developer**

**Project: Sales automation**

**Description:** The project involves development and maintenance of the online store selling the client products, e-commerce web-application that sells products like personal computers, tablets, phones, watches etc. across many countries.

**Responsibilities:**

* Involved in coordinating the team with **Angular 1.4** feature/defect development.
* Developed the application with angular libraries like ng2-table, ngx-loading, ngui/sticky, ng2-datepicker, angular-calendar, angular2-grid, angular/material, codelyzer, **Angular 2** Webpack.
* Created **TypeScript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular.**
* Worked on **Node.js** Middleware framework like Express.js, essentially developed microservices and serve them through middleware. Served any Client-side libraries through microservice.
* Use **Node JS** and **NPM** Package Manager for installing dependencies.
* Created custom **REST API** for specific requirement using remote method of loopback.
* Implemented **REST** based service for **Async Job processing**
* Authenticated the API access from frontend using middleware **JWT**.
* Interacted with service developers to consume the **RESTful API's.**
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular.**
* Created services with **Angular** @injectable property, as to make the service available for dependency injection when creating components.
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks
* Used CSS preprocessor **SASS** to make CSS more efficient.
* Used **D3.js** for data visualization.
* Developed a continuous deployment pipeline using Jenkins, Shell Scripts using Jenkins AWS Code Deploy plug-in to deploy to **AWS**.
* Experience in designing and deploying **AWS** Solutions using **EC2, S3.**
* Designed and developed CSS behaviours, CSS styles, CSS fonts, CSS buttons, Pseudo Classes, Pseudo elements in CSS.
* Developed models to persist data in **MongoDB** using **Mongoose Driver**.
* Responsible for creating **RESTful** web services using NodeJS, ExpressJS for fetching the data, updating and storing in MongoDB database using mongoose.
* Transformed the **Angular 2 response** using **Angular 2 observables.**
* Written code on **Typescrip**t and **ES6** to implement **Angular 2 Components**.
* Bundled and minified the JavaScript files using **Gulp**.
* Authenticated the API access from frontend using middleware **JWT**.
* Implemented token-based Authentication for API using **Jwt token.**
* Used Angular **HttpClient** to communicate with API and used map, filter, subscribe in **Rxjs**.
* Created custom **pipes** using **angular 2** before displaying it to the user.
* Used **jasmine** and **karma** for unit testing and **mocha-chai** for functional testing.
* Written unit test scripts for controllers, filters and services using **TDD** as a part of agile approach.
* Developed in an Agile Team environment using **GIT**.

**Environment**: HTML/HTML5, CSS/CSS3, SASS, Bootstrap3, Typescript, Angular2/4, ExpressJS, D3.js, jQuery, AJAX, JSON, JWT, AWS, dojo, OAuth, MongoDB, Gulp, NPM, Jasmine, webpack, Karma, mocha-chai, JIRA.

**CVS Health – Minneapolis. Nov 2014 to June 2016**

**Role: Sr. UI Developer**

**Project: Health insurance**

**Description:** CVS Health Corporation is an American retail pharmacy and health care company headquartered in Woonsocket, Rhode Island. The project was an Internal Application, Customer Insurance Catalog were employees can access Customer information and update the customer information on several types of insurance policies provided by the company. Employees can process claims and authorize payments for the customers, provides various functionalities such as generating different types of quotes based on medical history of customers.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Involved in developing User interface using **AngularJS 2, ReactJS** framework, Typescript, HTML5, ES6 and CSS3.
* Worked on **React.JS** components, Forms, Events, Keys, Router, Animations and Redux concept.
* Used **AngularJS 2** MVC framework including authoring complex directives, services, components, filters, routing and states to support routing in single page applications.
* Utilized modular structure within the **AngularJS 2** application in which different functionalities within the application were divided into different modules.
* Created Typescript reusable components and services to consume REST API’s using component-based architecture provided by **AngularJS 2** framework.
* Used Ionic2 to design consistent with native, cross platform, responsive mobile applications and single codebased deployment on Windows Phone, iOS and Android devices.
* Created CSS based page layouts that are cross-browser compatible on all the major browsers like Safari, Chrome, Firefox and IE.
* Worked on Bootstrap, LESS to develop User Interface with responsive design.
* Implemented HTTP requests using **RXJS** observable library to handle multiple values overtime.
* Implemented routing to route pages from one view to another using **Angular Routing**. Implemented routing both manually and using **Angular CLI**.
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Written unit test scripts for controllers, filters and services using **karma, Jasmine** and Protractor.
* Used **NodeJS** and **ExpressJS** to create non-blocking input output models on the server side.
* Implemented Angular Router to enable navigation from one view to the next as user performs application tasks.
* Used **Gulp** as the build task runner to build and used NPM to manage dependencies of the application.
* Analyzed the software (web and mobile) for Accessibility issues and worked with designers to define and implemented solutions.
* Worked with diverse team of product owners and UX designers in fast paced environment, with quick iterative cycles.
* Responsible for quality assurance of finished websites including the validation of web forms and links.
* Extensively used **Postman** for implementing and verifying Restful web services. Mostly used JSONOnlineEditor for formatting and verifying the output.
* Actively participated and provided feedback in a constructive and insightful manner during daily **SCRUM** meeting to track the progress for each iterative cycle and figure out the issues.
* Extensively used Debugging JavaScript using Chrome developer Toolbar, Jetbrains, webstorm.
* Tested pages for cross-browser compatibility for Safari, Chrome, Firefox and IE by cross browser hacks and requirements.
* Extensively involved in Design discussions and user experience meetings to provide inputs on the interface.
* Performed unit testing using **Jasmine, Karma** and **Protractor** along with integration testing Chrome Inspector to fix bugs and worked closely with QA.
* Worked on Adobe tagging to capture the metrix for UI elements based on requirements.
* Frequent Sync up with the Product Owner for reviewing project goals and for creating proposals for future developments and enriched fields in UI design.

**Environment**: HTML/HTML5, CSS/ CSS3, JavaScript (EcmaScript5), Angular 2, ReactJS, TypeScript, NodeJS, ExpressJS, LESS, JSON, Windows Platforms, IDE- Eclipse, SVN, Notepad++, Web Storm, Webpack, Postman, Jasmine, Karma.

**EHR-LLC Florida Feb 2013 to Oct 2014**

**Role: UI Developer**

**Description:** Electronic Health Resources is a full-service IT management, MITA and Medicaid consulting firm and is the company behind the popular Compliance and Auditing Software ReadyCert. The project is about Health care administration for the Florida Medicaid program.

**Responsibilities**:

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis, Code development and estimating the time-line for the project.
* Worked on basic front-end prototype and page design with HTML5/HTML, CSS3/CSS, JavaScript, **AngularJS**, Ajax, JSON and Bootstrap with **MySQL** database.
* Writing **Angular controllers** that are responsible for transferring control between components, routing and rendering views.
* Worked with CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS.
* Used Docker to build agile software delivery pipelines to add new features to the pipeline.
* Used CSS preprocessor **LESS** and WEB Essentials for converting LESS to CSS file while deployment.
* Experienced in creating Angular Services to fetch **Restful API** from server.
* **Developed certain features of the application functionality i.e. CRUD (Create, read, update, delete) features using Angular JS** and Responsive Design.
* Designed and developed **RESTful** service interface using Node JS to the underlying customer event API.
* Experience with content management systems and ADA compliance.
* Developed Web API using **Node JS** and hosted on multiple load balanced API instances.
* Created custom filters which parses **$http response** to match the wireframes.
* Implemented custom JavaScript date time picker (from Bootstrap) to pick to and from date calendar which gives a string to the input field.
* Well- versed in Object Oriented Programming (OOP) with JavaScript.
* Expertise in DOM manipulation using JavaScript, Jquery.
* Used Node Package Manager (NPM) as package manager for JavaScript, **GULP** for task runner, which handles template cache and code minification and Webpack for installing frontend dependencies.
* Performed Verification and validation process for the code written by making use of **Jasmine, Karma** JavaScript testing framework by testing across various scenarios of the application.
* Managed and implemented all code changes via **SVN**.
* Utilized Agile Methodologies (Scrum) to manage full life-cycle development of the project.
* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.

**Environment**: AngularJS, JavaScript, HTML5, CSS3, XML, AJAX, JSON, Jquery, NodeJs, Bootstrap, Web storm, SVN, Web services, Content Management Systems, Jasmine, Web Services, Unit Test, Agile, Docker.

**Client: STOICS IT SOLUTIONS - Banglore, India April 2011 to Dec 2012**

**Role: Front End Developer**

**Project: D-mart (Retail)**

**Responsibilities:**

* Developed HTML prototypes and UI deliverables such as wireframes, flowcharts, screen mock-ups and interface design specifications.
* Developed web page quickly and effectively using **jQuery, HTML, CSS3**, Responsive Web Design, **Bootstrap.**
* Created **Angular JS** custom directive which is restricted to being used as an attribute.
* Used **NodeJS** and **Express Framework** to build the API.
* Used **Webpack** to create bundle
* Implement modules into **Node JS** to integrate with designs and requirements.
* Designed dynamic and multi-browser compatible pages and developed responsive interface using **Bootstrap** and **media queries**.
* Handled response data from **RESTFUL web services** using **XML** and **JSON** to update UI.
* Responsible for migrating from old look of the application to Web 2.0 components and widgets using **HTML, CSS3, AJAX, JSON, Bootstrap, JavaScript** and **Angular JS.**
* Used **Knockout JS** to simplify the complex data-based for user interfaces.
* Coordinated with QA team to finding bugs, broken links and fixing issues during the test lifecycle by preparing various test cases and Unit test scripts.
* Performed testing using **GULP/GRUNT**.
* To retrieve data asynchronously from server used **AJAX** and **JSON object**.
* Worked on tools like Eclipse IDE and Adobe Photoshop for developing the user interfaces.
* Worked with different browsers, namely Internet Explorer, Firefox, Chrome to verify cross browser compatibility.
* Involved in **Agile/SCRUM** based approach to UI Development.
* Used **JIRA**, which is a tool used to manage project by assigning tasks, checking bugs and, tracking the daily updates of the project and ticket management.
* Actively involved in deployment Application WAR files in WebLogic Application server.

**Environment**: HTML, XHTML, CSS3, Bootstrap, JavaScript, jQuery, Angular JS, JSON, AJAX, Node JS, webpack, JIRA, GULP/GRUNT, IE Developer Tools, GIT/GitHub, Eclipse.

**Client: Page Solutions Pvt Ltd, Hyderabad, India Nov 2009 – Mar 2011**

**Role: software engineer**

**Responsibilities:**

* Developed UI using **HTML, CSS, JavaScript validations** and **XML**.
* Responsible for Design and development of Web pages using HTML, CSS including **AJAX** controls and XML.
* Created **XHTML** Pages with CSS and the **Box Model.**
* Used **JIRA** to track down the progress of the tasks and complete it on time.
* Involved in creating of wireframes and prototypes.
* Co-ordinated with BA group for better understanding of functional requirements, analyzed and designed the business requirements, documented and implemented.
* Implemented applications in JavaScript and **MySQL.**
* Used **SVN** as a Version control and source repository.
* Used **JQuery plug-ins** for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Used Cascading Style Sheet (CSS) in web pages to separate presentation from structure.
* Used JavaScript to make dropdown menus on web pages and displayed part of a web page upon user request.
* Worked extensively with the File management and image libraries.
* Performed Client-side validations using JavaScript.
* Fixed bugs and provided support services for the application.
* Used **Grunt** for unit testing
* Tested/De-bugged web browser using **Firebug.**
* Managed and implemented all code changes via SVN. Deploying builds across development, staging and production instances and maintaining code integrity.

**Environment**: HTML, CSS, Javascript, XHTML, jQuery, MYSQL, JIRA, Grunt, AJAX, JavaScript, XML, Firebug, SVN.