**PIYUSH SUDHA**

**FRONT END /UI DEVELOPER**

**PROFESSIONAL SUMMARY:**

* 7 years of experience in Front-end + MEAN stack development, designing with JavaScript [ES5, Currently with ES6 and Typescript], HTML4/5, CSS2/3, Nodejs, MySQL, MongoDB, Firebase AJAX
* Experience of complete SDLC, reading requirement, understanding wireframe and converting it to complete workable solution with proper architectural implementation.
* Good understanding of Site accessibility concept and W3 standards with UI
* Experience with various JavaScript frameworks and libraries like JQuery, JQLite, AngularJS 1.x and Angular2/4
* Experience of working with MEAN stack node.js, expressJS, mongoose/MongoDB, AngularJs.
* Experience of designing document based NoSQL database MongoDB and Firebase.
* Utilized websocket and fallbacks to iframe based long polling very efficiently.
* Good understanding of testing concepts like E2E with protractor and Unit testing with Karma, Jasmine, Mocha
* Good understanding of JavaScript Event handling patterns, OOJS, New features of Class based JavaScript with ES6
* Expert in performance tuning of web applications, optimizations achieved at both front-end and backend.
* Excellent knowledge in browser compatibility issues and solution to that using JavaScript/CSS
* Worked with Reporting and analytical tools like D3.js and High charts
* Created designs and wireframes using Adobe Photoshop, Illustrator and Axure.
* Good understanding of data base architecture both schema less and schema based
* Expert in writing stored procedure with My-SQL to improve data related operations.
* Expert in understanding and implementing SPA with Routers.
* Experience working with Nested-Views using UI-Router in AngularJS
* Experience in creating and consuming web services using SOAP and REST.
* Experience in using various social networking and web APIs like Facebook, twitter, google map, YouTube and PayPal.
* Worked with Angular-Material and Angular bootstrap controls for better interface design
* Good understanding of modular approach with service based architecture
* Implemented Custom Directive/ Component based architecture and design modular approach for separation of concern.
* Good understanding of Angular 2/4 application architecture with Component Lifecyle hooks, @Components, @Injectables, Routers, RxJS, HTTP/AJAX calls.
* Extensive experience in creating style guides, best practices and setting UI standards for enterprise/consumer applications
* Experience of using various cloud hosting services like Amazon AWS, Microsoft Azure, IBM Bluemix, Google Cloud, Soft layers etc.
* Worked with Gulp/Grunt build tools, currently using Web pack for automating the build task
* Exposure working with templating engine like Handlebars, Jade/Pug
* Worked with NPM, Yarn, Angular-CLI for package manager and project creation.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming/Scripting Languages:** | C++, PHP, JavaScript [ES5, ES6, TypeScript] |
| **JavaScript Frameworks:** | Angular2/4, Angular 1.x, React.Js, jQuery, Redux. |
| **Web Technologies:** | HTML4/5, CSS3, AJAX, JSON, SASS, LESS. |
| **Database Systems:** | MongoDB(NoSQL), MySQL. |
| **Tools:** | Web pack, Sublime, WebStorm, Visual Studio Code, NPM, Grunt, Gulp, Babel |
| **Version Control:** | GitHub, GitHub Desktop, SVN |
| **Testing:** | Protractor, Jasmine, Karma, Mocha |
| **Project Lifecycle**: | Gather Artifacts and information from client, Analysis, Design, Build, Test |

**EDUCATION:**

* Bachelors of Studies in Information Technology , Communication & Software Engineering, International Institute of technology under American International University of Management and Technology, CA, 2009
* Masters of Science in Computer Science, New York Institute of Technology, NY, 2017

**PROFESSIONAL EXPERIENCE:**

**Pentagon Federal Credit Union., Alexandria, VA Jan 2018 to Present**

**Front End Developer**

**Responsibilities:**

* Responsible for developing a large scale responsive application using Typescript, Angular 2 [Currently changed to Angular4], HTML5 and CSS3 which was being migrated from an Angular 1.x application.
* Simplified a complex financial user interface, organizing enormous amounts of data, resulting in increased user efficiency.
* Developed Angular 4 Single Page Application with the use of router.
* Implemented code reusability with @Injectable service creation.
* Created components for every major segment of the page and used across application
* Used HTTP module with RxJS to implement observable and REST API [AJAX] calls.
* Leveraged angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Connected Angular components using Express to handle Http calls and to perform CRUD operations using NodeJS.
* Created server-side module [REST API] using NodeJS [ES6] and Express framework
* Used GIT for version control and Data exchange between developer for updating and creating new components and modules for applications.
* Followed test driven development (TDD) for some of the projects mainly used Jasmin & Mocha on top of Karma test runner.
* Worked closely with Business teams on aligning business requirements with technical ones.
* Played leading role and provided useful feedbacks for better user experience

**Environment:** Angular2/4, Angular 1.x, Typescript, JavaScript, ES6, HTML5, CSS3, Bootstrap 3, Sass, Jasmine, Karma, NodeJS, Express, NPM.

**Perfume Worldwide, Ronkonkoma, NY Sept 2017 to Jan 2018**

**Front End Developer**

**Responsibilities:**

* Designed and Developed the Front-End and UI of applications using web technologies and frameworks like HTML5, CSS3, Bootstrap, JavaScript, jQuery, AngularJS, AJAX, JSON and NodeJS.
* Involved in developing HTML, CSS and Dynamic JavaScript templates.
* Involved in developing JavaScript-based app using object-oriented programming with prototypal inheritance and functional programming Paradigm.
* Developed single-page application with AngularJS (incl. routing, $resources etc) using UI and Native-routers.
* Involved in developing various AngularJS directives, filters and services.
* Implemented code according to coding standards and created AngularJS Controller, which isolate scopes perform operations.
* Used several Angular directives like ui-select, ui-bootstrap, ui-grid etc.
* Used Restful API’S for web service by exchanging JSON data between the applications and implemented JSON web tokens (JWT) for authentication.
* Implemented JavaScript source code embedded nested handling logic using JQuery event handlers and call back functions.
* Implemented faster mobile-friendly applications using Twitter Bootstrap framework.
* Used advanced level of HTML5, CSS3 and pure CSS layouts (table less layout).
* Used SASS to keep CSS well organized and maintainable.
* Tested cross browser functionality and fixed major layout bugs for supported browsers.
* Used Pagination component of jQuery for navigation and used DOM and AJAX to display page contents
* Produced client-side validation through JavaScript and Ajax for asynchronous communication.
* Work with unit testing, continuous integration, and test-driven development.
* Continuously Improving software and web apps to eliminate bugs and points of failure.
* Involved in daily SCRUM meetings to keep track of the ongoing project status and issues. Experience working in an Agile/Scrum development process.
* Implemented the scrum agile and code review process for higher quality completed code.
* Used Google Analytics, Google trends and SEO best practices to get targeted traffic.

**Environment:** HTML5, CSS3, JQuery, JavaScript, AngularJS, Bootstrap, AJAX, JSON, SASS, REST, NodeJS, NPM, Grunt.

**Amseem Business Solutions, Mumbai, India Aug 2013 to July 2015**

**Web Developer**

**Responsibilities:**

* Developed the Front-End and UI of the application using HTML, CSS3, JavaScript, AngularJS, jQuery and Bootstrap.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for aweb application, page navigation, and form validation.
* Developed Single Page Application using AngularJS which was migrated from legacy application.
* Many AngularJS capabilities are being used including Customs directives, two-way data-binding, routing, templating, factories, services, etc.
* Created AJAX requests to the service using AngularJS built-in $http object.
* Wrote Angular service for business logic, Factory, directives and custom directives to manipulate DOM.
* Implementing client-side Form validation and interacting the functionality using Advanced JavaScript.
* Developed Responsive Web Design with the use of Bootstrap, media queries and fluid grid system to provide an optimal viewing experience across a wide range of devices.
* Design and implemented new features and perform code reviews
* Conducted research analysis on the scope of the application & conceptualized the SDLC of the product.
* Gathered client requirements and converted into analysis artifacts.
* Responsible for checking cross-browser compatibility and hence worked on different browsers like Safari, Internet Explorer, Firefox and Google Chrome.
* Experienced in deliveries websites in Wordpress, Drupal

**Environment:** HTML, CSS, JavaScript, JQuery, AngularJS, AJAX, JSON, WordPress, Drupal, Bootstrap, PHP, MySql

**Urbane Technologies, Kota, India Nov 2009 to July 2013**

**Web Developer**

**Responsibilities:**

* Responsible for maintaining a current website that included updating the web pages, uploading additional content/changes in addition to developing and designing front-end/UI.
* Involved in designing UI Screen, created several mock up Using HTML, CSS and JavaScript.
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using jQuery.
* Built Web pages that are more user-interactive using jQuery plugins, AJAX, JavaScript.
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON.
* Used AJAX to make asynchronous calls to the server to fetch data and update the DOM.
* Responsible for transforming design mock-ups to W3C standards compliant HTML pages using HTML, XHTML, CSS.
* Written and implemented CSS throughout the site, both as in-line and imported files and created cross-browser compatible and standards-compliant CSS-based page layouts.
* Developing solution definition and technical design documents.

**Environment:** HTML, XHTML, CSS, Photoshop, Flash, JavaScript, jQuery, AJAX, JSON.