**Veena Alagingi**

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**PROFESSIONAL SUMMARY:**

* Having 6+ years of experience in developing Web Applications using HTML (4/5), CSS (2/3), JavaScript, TypeScript, Angular (2/4/7), Node.js, Express JS, jQuery, AJAX, XML, Bootstrap, JSON.**.**
* Experience in working with Angular 2/4 modules, services, templates, directives, services and dependency injection to create a SPA
* Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented JavaScript, Type Script, Angular 2.0, Angular 4, AngularJS, Node JS, Bootstrap, Media Queries, CSS Frameworks
* Expertise in AngularJS framework and its ability to create simple and scalable code for SPA.
* Expertise in using AngularJS directives, Controllers, Filters, Services, Temples, Events and Injectors.
* Expertise in creating Single Page Applications by Routing in Angular.js.
* Create desktop application with AngularJS and Unit Test with Karma-Jasmine.
* Expertise in Angular 2.0 framework and its ability to create simple and scalable code for SPA.
* Worked extensively on Angular 2/ Typescript SPA domains.
* Hands on Experience on Angular CLI (Command line Interface).
* Built the website on Magento platform in the project.
* Good amount of work done on Reactive forms or Web Forms 2.0 in Angular ․ and their Validations.
* Create desktop application with Angular 2/4 and Unit Test with Karma-Jasmine.
* Expertise in using AngularJS directives, Controllers, Filters, Services, Templets, Events and Injectors.
* Expertise in AngularJS structural framework for dynamic web apps and profound knowledge in concepts like Dependency Injection, Promises, Services, Scopes, Controllers and Directives.
* Developed the backend by using Node.js, Express and MongoDB.
* Expertise in implementing the MVC architecture in backend applications Node.js along with Express JS.
* Extensively Worked on CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table, Pseudo Elements & Classes and CSS Behaviors in CSS.
* Experience in making Responsive Web Pages using Media Queries and Bootstrap, Material Design lite for styling mobile applications.
* Extensive experience in **React JS** and **Redux** to create user interfaces.
* Solid understanding of React **Virtual DOM Algorithm**, for React performance optimization.
* Experience in using **React JS components**, **Forms**, **Events**, **Keys**, **Router**, **Redux**, **Animations** and **Flux concept**.
* Worked in **ReactJS** for creating interactive UI's using **Uni-Directional data flow**, **Virtual DOM**, **JSX**.
* Highly skilled at front-end engineering using Object-Oriented JavaScript.
* Well experienced in writing test cases in Test Driven Development and Behavior Driven Development.
* Experience in using Chrome Developer Tools and Firebug for debugging and troubleshooting the code.
* Developed enhancements to Mongo DB architecture to improve performance and scalability.
* Extensive knowledge in Mongo DB concepts and good knowledge in Administration.
* Experience in automated build process by using Jenkins and Maven.
* Experience in Unit Testing (UIT), Integration Testing and in preparing test cases.
* Expertise creating user validation forms and sending data to server using RESTful services.
* Expertise in working on AWS to integrate the to integrate the Server and Client-side code.
* Used Jenkins for build Process to Generate Continuous Integration and Version Control is done by GIT.
* Extensively work with Adobe Photoshop, Illustrator, Dreamweaver, and many other design applications.
* Utilize Jasmine, Karma, Gulp, Grunt and NPM to build and test applications.
* Extensively used jQuery, JSON, AJAX and DOM scripting to create interactive web applications.
* Expertise in Video Coding by using HTML5, CSS3 and java Script.
* Extensively used the repositories like GIT and SVN.
* Experience in unit testing by using Karma and Mocha.
* Extensive experience working under Agile methodologies environment (scrum, Kanban).
* Experience with various IDE's such as Visual Studio Code, Web Strom, Sublime and Notepad++.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | HTML, HTML5, CSS2/3, SASS, XHTML, XML, JavaScript, AJAX, J-Query, JSON, Bootstrap, Angular 2+, Backbone.js, Express JS, Node JS. |
| **Tools and IDEs** | Edit plus, Notepad++, Eclipse IDE, Net Beans, sublime text, Mocha, WebStorm, Maven, Jenkins, Microsoft Visual, WebPack. |
| **Languages** | PHP, AJAX, Web Services, REST, SOAP. |
| **Web/App Servers** | Apache Tomcat 5.0.25, HTTP Web Server, IIS, JBoss, Glassfish. |
| **Frond End Tools** | Photoshop CS5, Image Ready CS5 Fireworks, Adobe Captivate 3, CorelDraw, Dreamweaver CS5, FrontPage Wire frame |
| **Operating System** | Windows, Unix/Linux, MAC OS X |
| **Methodologies** | Agile, Rational Unified Process (RUP), UML, Waterfall, Scrum. |
| **Database** | My SQL, MONGODB, SQL Server, ORACLE 11g |

**PROFESSIONAL EXPERIENCE:**

**Winston & Strawn (Chicago, Remote) OCT 2018 – Till Date**

**Position: Angular Developer**

**Responsibilities:**

* Involved in the design, development, and implementation of Winston way 2.0, which included the migration of Winston's internal platform web components from Angular 2 to Angular 7, leading to an increase in business continuity. Performance tuned the application for the static rendering of server-side pages with response time less than 3 seconds, thus reducing the latency.
* Analyze requirements at the business meetings and strategize the impact of requirements on different platforms/applications. Provide Insights on design decisions and version control the design charts developed in Html and other UI frameworks on SharePoint.
* Using MVC, Entity Framework, and ASP.NET Scaffolding, created a web application that provided an interface to an existing database. Involved in creating the web application and generating the data models based on existing database tables. Perform data validation, custom View generation developed UI layouts and reusable themes and .net security framework for dealing with authentication and authorization.
* Used **Redux to store data** from multiple **API endpoints**.
* Used **React Router** to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with server.
* Used **ReactJS with Redux** to create a **single page web application** with efficient data flow between the client and server and used to create Controllers to handle events triggered by clients and send request to server.
* Worked on **React JS components**, **Forms**, **Events**, **Keys**, **Router**, **Redux** and **Flux concept**.
* Involved in analysis and architectural designs for database modeling. Updating the current data access model to use the latest .NET Entity framework technologies with C# to improve the performance of the application. Design the data access model to effectively support future application upgrades and help improve long-term supportability and sustainability.
* Used a variety of data patterns for different levels of data access mostly including singleton, abstract, iterator, mediator, bridge and flyweight. Design base interfaces acting as specific rules for common class creating around Winston way 2.0 and thus generalizing the solution for legal departments.
* Producing and consuming Rest API via ASP.NET using various design patterns like factory, singleton and MVC pattern for developing web API with minimal maintenance. Migrating some of the SOAP-based API to new REST-based standards allowing a great variety of data formats like JSON, XML, etc.
* Extensively used core features like **Props and State**.
* Worked on **React JS** for developing UI using **Sorting, Pagination**.
* Used **ReactJS** to create Controllers to handle events triggered by clients and send request to server. Maintained states in the stores and dispatched the actions using **redux**.
* Developed a service that generates useful PDFs having tabular data, bar charts and other graphs that represented the chunks of information which is easily readable and organization metrics will be sent to various business teams.
* Used MS SQL database for storing all information related to litigation, cases, legal findings, employee information, and other application-related data.
* Involved in unit testing of the Winston way internal platform. Prepared unit testing’s suits and different unit test cases to reduce defects and increasing code coverage to at least 90%. Also developed automation testing for the application thus making sure that application passes regression tests during each build. Working with different stakeholders of the platform while developing unit test cases and test suits thus making sure the functionality remains intact and is highly adaptable to future changes and maintenance.
* Used different tools like Splunk, chrome dev tools performance analytics, to monitor the performance of the application. Also involved in database table normalization so that integrity, consistency, atomicity is always maintained.
* Participates in daily scrum meetings and business meetings with different stakeholders of the platform so that new functionality can be added, and change requests can be incorporated into the existing application here. Also involved in direct interaction with different business analysts across different teams through geographical regions. Also involved with supporting applications and fixes critical bugs across Winston way production internal site.
* Involved in Continuous integration and Continuous deployment of the application thus making sure the changes in the code are available in the dev, test platform easily by the Quality Engineers and thus making sure that application quality is maintained in each build.
* Used Microsoft azure Version Control system for adding new user story, task and epic to the application such that progress can be easily monitored. Also, make sure that Agile methodology is following in application development thus making sure that teamwork more efficiently and does the work more effectively while delivering the highest quality product within the constraints of the budget. I also developed reporting of the different work via burn down charts and monitored the progress of the application.

**Environment:**

AngularJs, Angular7, Reactjs, Bootstrap4, Typescript, Pnp.js,Angular-Ellipsis, X2js, Moment.js, FontAwesome, ngx-bootstrap, Perfect-scrollbar Software Libraries (c#): SPMeta2,Vs Code, Angular CLI, npm, Azure Repos, TSLint, npm.

**Client: Universal Studios, FL July 2018 – Oct 2018**

**Role: UI Developer**

**Responsibilities**:

* Developed front-end components using Angular6, TypeScript, Angular Material.
* Used Identity Framework and customize it to fit the user need, it will include Entity Framework.
* Used Ng-Model to create two-way data bindings for reading and writing input-control values.
* Created custom, self-contained, reusable, and testable Angular modules, components and services to implement key functionalities.
* Implemented services for component communications to achieve dependency injection (DI).
* Used the RxJS library to manage concurrency when fetching data through HTTP calls using Observables.
* Developed dynamic web pages using **ReactJS,** **HTML**, **CSS**, **jQuery**, **Bootstrap**, **NodeJS** and **AJAX**.
* Involved in building applications using ReactJS by building **re-usable UI Components**.
* Used Angular router guards to tell the router whether it should allow navigation to a requested route base on JSON Web Tokens (JWT).
* Connect Web API to Angular using Http Call and designed GET, POST, PUT, DELETE for Web API.
* Implemented Server-side validation for Web API.
* Implemented Angular client-side validation through the forms module and wrote custom validators where necessary.
* Implemented **ReactJS** client-side form validation to validate the user inputs before passing to back-end.
* Wrote unit tests using the Jasmine testing framework and used Karma as the test runner tool.
* Participated in daily SCRUM meeting and oversaw the entire build-release pipeline.
* Collaborated with the other developer, and used VSTS for Source Code Control, project related document sharing and team collaboration.
* Developed the system using Agile Methodology to review progress through weekly sprints.

Environment: Angular 6, Angular CLI, Node.js, Angular Material, ngx-bootstrap, HTML5, CSS3, Sass, TypeScript, RxJS, ASP.NET Web API, Identity Framework, Entity Framework 6, C#,Reactjs, Microsoft SQL Server 2012,  
Jasmine, Karma, VSTS, Visual Studio2017, Visual Studio Code,GitHub, Source Tree.

**IT Intern**

**Ellucian Company OCT 2016 – DEC 2017**

**Client: - Rivier University**

**Responsibilities**: -

* Worked closely with SME's, developers and other IT teams to understand the scope of the project and accordingly, gather functional requirements of the project to design and implement the application.
* Developed common CSS classes for the user interface using CSS3.
* Reviewed customer feedback about the debugging issues, fixed bugs.
* Experience in Agile development.
* Used GIT for Version Control.
* Working with ECMA Script 6 features.
* Worked on accessibility for making user interfaces perceivable, operable, and understandable.
* Created user-centered design, keeping in view the business usability goals including meeting accessibility requirements and usability testing for participants with disabilities.
* Designed and implemented the User Interface using Typescript, HTML/HTML5, XML, and CSS3.
* Participated in meetings with the end-clients to develop custom UI Components that are cross browser compatible.
* Server-side scripting with Node.js
* JavaScript building with NPM, Web pack
* Implemented various Validation Controls for form validation and implemented custom validation controls with jQuery.
* Designed and developed various Web forms using HTML, CSS, and Typescript
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Implemented CSS3 features like, multi-column layout, gradients and web fonts.
* Handled all aspects of the web application including maintaining, testing, debugging and deploying.
* Unit testing using Jest.

**Environment**: - HTML/HTML5, CSS/CSS3, Typescript, Node JS, Usability Testing, Agile methodology, Eclipse and GIT.

**IT Technician**

**Rivier University MAY 2016 – OCT 2016**

**Client: - Rivier University**

* Worked as a IT Technician for troubleshooting network issues and Password reset issue. Also Involved in updating the software, hardware related issues.
* Worked as a Technical Supervisor for troubleshooting Network issues, creating Image, Helping with IT Accounts.
* Worked in a New WIFI-Project in Rivier University.
* Set up New VDI.
* Worked with Citrix/UniDesk to develop Applications for the Desktop pools for VDI.
* Worked as a Desktop IT Technician for Ellucian Company.
* Used **Service Now** Help Desk Tool to resolve all the IT related issue.
* Organize and assign all helpdesk requests to be solved in a timely and efficient manner.
* Troubleshoot a wide variety of hardware and software issues.
* Managed a wide variety of small to mid-level IT projects.
* Provide IT support for faculty, staff, and students of Rivier University

**GRADUATE ASSISTANT**

**RIVIER UNIVERSITY JAN 2016 – MAY 2016**

* Worked as a Technical Supervisor for troubleshooting Network issues, creating Image, Helping with IT Accounts.
* Worked in a New WIFI-Project in Rivier University.
* Set up New VDI.
* LAN Troubleshooting
* Worked with Citrix/UniDesk to develop Applications for the Desktop pools for VDI.
* Worked as a Desktop IT Technician for Ellucian Company.
* Used **Service Now** Help Desk Tool to resolve all the IT related issue.
* Organize and assign all helpdesk requests to be solved in a timely and efficient manner.
* Troubleshoot a wide variety of hardware and software issues.
* Managed a wide variety of small to mid-level IT projects.
* Provide IT support for faculty, staff, and students of Rivier University.
* Created images for Windows 7 and Windows 10 Desktops.
* Troubleshooting variety of operating systems.
* Installed new windows 10 operating system in multiple VDI’s (Virtual Desktop).
* Worked in Active Directory.
* Resolved Web related issue.
* Experience with PC Imaging (Symantec Ghost, Acronis).

**Client: Wipro Limited June 2014 – Dec 2015**

**Role: JR. UI Developer**

**Responsibilities**:

* Responsible for the Design, Development and Delivery of all the modules.
* Highly Involved in Creating Structure and UML Diagrams (Structure Diagrams, Logical Diagrams, and Use Case Diagrams)
* Developed GUI of ASP .NET web forms using HTML, CSS and jQuery.
* Used jQuery mainly for adding several functionalities to the application (calendar, tooltips, popover, hiding elements validation, making Ajax calls, etc.)
* Involved in development and usage of user controls in various web pages.
* Worked on business components and business objects.
* Working experience in creating Single page applications, SPAs with AngularJS and maintain model data with services.
* Experience on writing custom Directives for specific requirements for AngularJS SPAs.
* Participated in the creation of interface to manage user menu and Bulk update of Attributes using AngularJS.
* Working experience in creating factories, services and custom directives with AngularJS.
* Involved in the Enhancements and Support for various applications.
* Designed and implemented components that convert disconnected record sets to valid XML that is transformed by XSL/XSLT/XPATH files to HTML, DHTML.
* Extensively used Validation Controls and Custom validation controls to validate Web forms.
* Worked with pair and extreme programming along with RAD controls.
* Involved in the code changes and development of new web-forms and connectivity to database to get and store data from and to database.
* Used AJAX for implementing part of the functionality for Customer Registration, View Customer information modules.
* Involved in using TFS for project management and version management.

**Environment**: JavaScript, AngularJS, AJAX, jQuery UI, JSON, DOM and Windows.

**Educational Qualification:**

Bachelor’s in Computer Science at Jawaharlal Nehru University of Hyderabad, India.

Master’s in computer science at River University, NH.