**Akhil Reddy**

 **SENIOR UI DEVELOPER**

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**PROFESSIONAL SUMMARY:**

* Having 9+ years of experience in designing User Interface (UI) applications and professional web applications using HTML/HTML5, CSS/CSS3, JavaScript, Bootstrap, AngularJS, ReactJS, ECMA Script 5/6, DOM, jQuery, Ajax, XML, JSON, and Node.js server, Vue.js.
* Extensive Experience Knowledge of JavaScript Technologies such as Angular JS, Node JS, and MeanStack development.
* Extensive Knowledge in developing Single Page Responsive Web Applications using JavaScript frameworks like Angular, Backbone.js and Bootstrap.
* Extensive knowledge of object-oriented programming in JavaScript.
* Extensive experience on modern front-end template frameworks for JavaScript - Including Bootstrap, jQuery, Angular 9/10/11/12/13,14,15,16, React JS.
* Good knowledge of Angular components like service resources, routing, Dependency injection, 2-way data binding, filters and events.
* Good Understanding of Document Object Model (DOM) and DOM Functions.
* Hands-on experience with CSS LESS/SASSPre-Processor.
* Expertise in MV\* (MVC, MVVM, MVW) frameworks like AngularJS along with Bootstrap.
* Experience in third party libraries like NgPrime, Angular Material Design.
* Knowledge in WebPack, Gulp and Npm Scripts.
* Experience in UI Architecture design using Angular components. Thorough understanding of core concepts like Ng Modules, Services, Dependency Injection, and decorators.
* Good experience in Design Patters, Data Structures and Algorithms.
* Experience in OOPS implementation, code consistency and code review.
* Unit testing of Angular components, services using karma-test- runner and Jasmine.
* Extensively used Angular features, Directives, Filters, 2-way Data Binding, Services, Templates, Routing, MVC and Dependency Injection to build Single-Page-Applications in a clean and maintainable way.
* Experienced in creating React.js web applications with JSX, React nesting components, databinding, forms, routers and Virtual DOM manipulations with Redux architecture.
* Developed React.js pages, web services and AJAX calls for the applications used in development of the web application to bind the data/model.
* Experience in using React.JS and Client-Side Charting technologies such as D3.js, Chart.js.
* Extensive experience in SQL, PL/SQL programming, stored procedures, triggers and Query optimization with Oracle, MS-SQL and MySQL databases. Written queries for insert update and modification operations. Performed database normalization and optimization using database tools.
* Experience in using various Amazon Web Services (AWS) components like EC2 for virtual servers, S3 for storing objects.
* Played an active role in all stages of application development- requirements gathering, analysis and design, development, testing and debugging.
* Experience in Using Jest, Mocha, Chai, Jasmine, Karma for testing.
* Experience with NPMGrunt, Gulp and Bower modules of NodeJS.
* Used JIRA for bug tracking and issue tracking.
* Extensively worked on CI/CD tools such as Jenkins, Gradle and Maven.
* Worked on Version control systems like GIT, CVS, SVN and Bit bucket.
* Experience working in a fast-paced environment using Agile/Scrum, Test driven development and Waterfall methodologies.
* Have good experience in cloud environment.
* Utilized Core Java, Spring boot, Microservices, JPA/Hibernate/My Batis to build back-end functionality.
* Worked in an Agile environment, collaborating with cross-functional teams to deliver value to the customer
* Used Eclipse, JUnit, SOA Test, Javadoc, and Maven to develop and test software applications
* In all my Agile project environments, used Rally tool for release planning, iteration planning, schedule all or parts of requirements and manage other QA activities.
* Worked on various IDE's Eclipse, Visual studio, Notepad++, IntelliJ, Sublime Text 3, ATOM, Net Beans, Web Storm and Brackets.
* Valuable team player with excellent communication skills, trouble shooting skills with ability to learn and adapt to new technologies quickly.

**TECHNICAL SKILLS:**

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| **UI Web Technologies** | HTML/HTML5,XHTML,XML,CSS/CSS3,Javascript,AngularJS, Angular X, ReactJS, NodeJS, AJAX, JQuerry, Eclipse, Microservices, JSON, DOM,SCSS, ECMA Script 6, Typescript and Java, GitHub, jira, Bamboo, Swagger |
| **Version Control Tools** | GIT,SVN, Bit Bucket. |
| **Databases** | Oracle 10g, MySQL, MongoDB. |
| **Operating Systems** | Windows XP/Vista/7/8/10, MAC OS X, Ubuntu, LINUX, UNIX. |
| **Web/App Server** | Apache Tomcat, WebLogic |
| **Testing and Debugging Tools** | JIRA, Firebug, Google Chrome Web Debugger, IE developer Tools, jest, Jasmine, Karma, Mocha, Chai, Jenkins. |
| **Workflow Tool Kit** | Grunt, Gulp. |
| **IDE’s** | Notepad ++, Eclipse IDE, Sublime Text Editor, Atom, Visual Studios, web storm |

**PROFESSIONAL EXPERIENCE:**

**Verizon, NJ**

**Senior UI Developer Apr 2022 - Present**

**Responsibilities:**

* Designed the front-end applications, user interactive (UI) web pages using web technologies like HTML5, Angular 13,14,15,16, Type script, React and CSS.
* Web designing & development using HTML5, CSS3, JavaScript, React Js and Ajax.
* Developed React Js pages, Web services calls and AJAX calls for the application Used in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Utilized Core Java, Spring boot, Microservices, JPA/Hibernate/My Batis to build back-end functionality.
* Participated with end users and business analyst to understand the business requirements.
* CSS styles were developed in order to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
* Responsible for design and development of web pages from mock-ups (PSD).
* Worked on Front end by using JavaScript.
* Created custom themes and components using Angular Material’s theming system.
* Experience with Angular Material’s form controls, such as input fields, select boxes and checkboxes.
* Worked with Vue.js forms, Validations, Modules, Components, directives, Controllers, and HTTP Requests.
* Developed functional contact list web application to demonstrate RESTful services using JavaScript, Node.js, Express, AngularJS with MongoDB database (MEAN Stack).
* Manipulated DOM, handled events and applied animation effects with Vue.js
* Worked in an Agile environment, collaborating with cross-functional teams to deliver value to the customer
* Developed user interface by using ReactJs, Flux for SPA development.
* Worked in using ReactJs components, Forms, Events, Keys, Router, Animations and Flux concept.
* Build React components and stand-alone functions to be added to any future pages.
* Responsible for developing a front-end application using ReactJs and FLUX architecture for internal teams’ productivity use.
* Working with React Router for developing Single Page Applications SPAs.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using ReactJs.
* Implemented the Drag and Drop functionality using React -Draggable thoroughly performed unit testing and integration testing.
* Designed, built and deployed application using the AWS stack (Including EC2, Docker) focusing on high availability, fault tolerance and auto scaling.
* Extensively used SASS (Syntactically awesome style sheets) while styling with CSS3.
* Used Firebug for debugging and for element styling.
* Involved in daily SCRUM meetings to keep track of the project status.
* Used web-based GIT repository manager with issue tracking features.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Made the application responsive using Bootstrap and CSS Media Queries.
* Worked with CSS Icons, CSS Pseudo-class, CSS Pseudo-element, CSS Image Sprites, CSS background and CSS3 Shadows to give some additional effects.
* Used Jenkins and Dockers to implement the Continuous Integration and Deployment (CI/CD).
* Troubleshooting any operational issues in the CI/CD pipeline.
* Experienced in implementing CRUD operations.
* Worked with Bit Bucket for recording the progress and later for version control.
* Used Jasmine and Karma as end-to-end testing tools for debugging and software quality insurance.
* Worked with Business Analysts for requirement gathering and requirement analysis.
* Created Use cases, ER diagrams and user flow control.
* Involved in documentation by writing the technical documents for the project. Also, part of the presentation team to the company's executives.

**Environment:** HTML/HTML5, DHTML, CSS/CSS3, SASS, Bootstrap, React JS, VS CODE, Vue.js, JavaScript, AJAX, Angular 12/13/14/15/16, Node JS, JIRA, Mongo DB, Agile Methodology, Jenkins, Amazon Web Services.

**Kroger, OH**

**Role: Senior UI Developer Sep 2019 - Mar 2022**

**Responsibilities:**

* Developed applications that include interactive web pages using HTML5, CSS3, JavaScript, jQuery, AJAX,

JSON, Angular framework.

* Involved in creating single page application that loads multiple views using routing services, lazy Loading, and adding additional dynamic features to the application using Angular 10/12/13/14/15/16 framework.
* Worked on developing model and template driven forms in Angular 10/12/13/14/15/16.
* Developed code to exchange data between one component to other across different modules using Angular 8/10/12/13/14/15/16 framework.
* Used Eclipse, JUnit, SOA Test, Javadoc, and Maven to develop and test software applications
* Worked on media queries for different layouts of screen, print, mobile phone, tablets to design responsive web pages.
* Developed several components in the application that implement lazy loading feature in Angular 10/12/13/14/15/16.
* Experience creating responsive and visually appealing UI using Angular Material’s pre-built components and styles.
* Experience with integrating Angular Material’s with other libraries and technologies such as NgRx and Firebase.
* Hands on Experience on Angular 10/12/13/14/15/16 technology for one complete project in rebasing the UI of the application using the techniques in Angular 10/12/13/14/15/16.
* Worked on designing single page applications using Vue.js components such as Router and Vuex core components.
* Used Ajax, JSON with jQuery for request data and response processing.
* Used RESTful web services to fetch data from the server and use response data across the components and display with the help of HTML.
* Created single Page Application with loading multiple views using route services and adding more user experience to make dynamic by using Angular 10/12/13/14/15/16 framework and Node JS.
* Performed client-side validations using JavaScript.
* Well aware of deployment process in code fresh CI/CD pipelines.
* Used Jenkins and Dockers to implement the Continuous Integration and Continuous Deployment (CI/CD)
* Debugged issues in firebug for Firefox, web developer tools in Chrome, Safari and IE 9, 10 &11 browsers.
* Deployed the application using Docker, GitHub, Jira, Bamboo, and Swagger
* Design various page layouts that include responsive web pages using LESS pre-processor along with CSS.
* Worked on SQL queries to perform CRUD operations on the MySQL Database.
* Worked on AWS Auto scaling for providing high availability of applications and EC2 instances based on the load of applications by using Cloud Watch in AWS.
* Involved in Unit Integration, debugging the code, bug fixing, acceptance testing with test cases, code reviews.
* Experience in Gulp task runner to manage project and Bower package manager to install libraries such as jQuery and Bootstrap.
* Configured and managed version control through GIT.

**Environment:** HTML/HTML5, CSS3, LESS, JavaScript, Angular 10/12/13/14/15/16, jQuery, JSON, Bootstrap, Vue.js, NPM, Node.JS, Sublime, RESTful API’s, Adobe Dreamweaver CS3, Eclipse, Maven, Apache Tomcat, MySQL, GIT, Mongo DB, Gulp, Chrome developer tools, Amazon Web Services.

**COSTCO, Issaquah, WA**

**Role: UI Developer Sep 2017 – Aug 2019**

**Responsibilities:**

* Translated business requirements and wireframes into fully functioning system components and web code using HTML, CSS, JavaScript, AngularJS, and Angular versions 10 through 14.
* Wrote CSS3 style sheets for gradient effects and developed page layouts, navigation, and icons. Created responsive web pages using Bootstrap and media queries to support various smart devices.
* Created dynamic UI pages and components using JavaScript and Angular.
* Developed UI components for the web app, including header and footer, using Angular.
* Built stable Angular components and stand-alone functions for future pages.
* Used Angular Router to turn the application into a Single Page Application.
* Implemented server-side rendering using Angular Universal to handle nested, async rendering on both the server and client.
* Worked with Angular components, forms, events, directives, services, and animations.
* Maintained states using NgRx for state management.
* Developed a custom email builder with Angular, featuring drag-and-drop functionality.
* Implemented drag-and-drop functionality using Angular CDK.
* Used Angular Material for creating autocomplete fields and added functionality to download tabular data in Excel format.
* Conducted snapshot testing using Jasmine and Karma for Angular components and services. Used Protractor and Http-Server for end-to-end testing.
* Applied optimization techniques to reduce page size and load times, enhancing user experience using sprites.
* Worked with build tools like Grunt, Gulp, and Jenkins.
* Utilized Node.JS for server-side JavaScript and heavy DOM manipulation.
* Wrote application-level code to interact with APIs and RESTful Web Services using AJAX and JSON.
* Implemented Search Engine Optimization (SEO) tactics to improve web page visibility.
* Used Google Analytics reports to optimize page load times for high-traffic pages, improving them with CSS.
* Used JSON for storing and exchanging information between browsers and servers.
* Utilized various jQuery plugins to build Rich Internet Applications (RIA) for an intuitive user experience.
* Created virtual infrastructure on AWS and automated application deployment.
* Used GitHub for version control and repository hosting.
* Worked with an offshore team to explain business requirements and assign tasks effectively.
* Participated in all phases of the Software Development Life Cycle (SDLC) using Agile Methodology, ensuring iterative progress and continuous improvement.
* Led a team of 5 members, guiding them through technical challenges and fostering a collaborative environment.
* Conducted technical reviews and approvals of the code, ensuring adherence to company standards and maintaining high-quality development practices.
* Utilized React Native web and JPA criteria query to develop robust APIs.
* Designed and implemented the application using various Spring Framework modules, including Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Web Flux, Spring Data, Spring Cloud, Spring Integration, and Hibernate.
* Utilized Spring IOC for dependency injection, creating a loosely coupled application, and Azure Cloud for monitoring logs.
* Implemented authentication, authorization, and access-control features using OAuth 2.0 and OpenID Connect.
* Used customConnect to connect PowerApps to API endpoints.
* Utilized Java 8 features like Lambda expressions for collection evaluation.
* Employed Microservices to gradually replace a core monolithic application while adding new business features.
* Developed Microservices with Spring Boot, JUnit, and Mockito for test case validations.
* Created Azure Functions, Resource Groups, and utilized Azure Data Services.
* Containerized Services and APIs using Docker, running on VPN networks, and pushed Docker Container images to a private Docker registry.
* Implemented asynchronous messaging between components using Azure Event Hub.
* Used Spring Data Framework with Spring JDBC and Spring ORM classes like JDBC Template and Hibernate Template for database operations.
* Used Log4j for logging purposes and employed Maven and Gradle as build automation tools. Deployed the application on Kubernetes.
* Utilized Terraform for provisioning resources. Responsible for Continuous Integration (CI) and Continuous Delivery (CD) processes using Azure DevOps and Jenkins, along with UNIX Shell scripts to automate routine jobs.
* Used Git for version control, managing code merges from branch to master.Troubleshot Java code to fix issues.

**Environment:** HTML5, CSS3, JavaScript, JQuery, AJAX, ReactJS, Redux, AngularJS, Typescript, NodeJS, RWD, XML, DOM, JSON, Jasmine, SASS, Grunt, Firebug, GIT and Eclipse IDE.

**DCBS Pvt. Ltd., India**

**Role: UI developer. Jun 2014 – Feb 2017**

**Responsibilities:**

* Designed and developed the system using Agile Methodologies.
* Performed Analysis, High level and Detail design, Coding, Unit testing, Code review and Release activities.
* Maintain Cross Browser compatibility & implement Responsive Design custom media queries, etc.
* Designed dynamic and browser compatible pages using HTML5, CSS3, JavaScript and AngularJS.
* Created AngularJS controllers, services and used AngularJS filters for filter functionality in search box and integrator functionalities.
* Extensively used Angular UI components like Calendar, Grid, Select and Uploader etc.
* Developed AngularJS services for reusable functionality.
* Utilized AngularJS Route for creating Single Page Application (SPA), and incorporate Model-View-Whatever (MV\*)
* Development pattern allowing efficient unit testing, and appropriately utilizing Controllers, Services, and Factories with dependency injection.
* Used Interactive data binding, filters and animation events using AngularJS.
* Developed on demand, combo and compression server using AngularJS.
* Designed various routing mechanisms and Implemented http functionality in AngularJS in order to retrieve data from web servers.
* Developed Browse and Checkout modules of the application for different mobile and tablet versions using Bootstrap.
* Utilized Angular UI-bootstrap and followed EY styling standards.
* Created responsive HTML, CSS, jQuery and JavaScript components integrated with AEM.
* Used NodeJS to run Gulp tasks and build properly the project (compile, minify, concat etc)
* Migrating Entire CQ5 Content into AngularJS and rewriting the code into NodeJS.
* Developed the Entire server-side application using NodeJS.
* Implementing inheritance properties using SASS for creating responsive stylesheets.
* Used Firebug, IE developer toolbar and chrome canary tool for debugging JavaScript and fixing issues.
* Performed Unit and System testing of the application using Karma.
* Used GitHub for project hosting using GIT.
* Created several documentations for applications in the project that helps in better understanding of the architecture.

**Environment**: HTML5, CSS3, JavaScript, jQuery, AngularJS, NodeJS, JSON, AJAX, Karma, SASS, Agile, Oracle, Gulp, XML, AEM, Firebug, GIT and WebStorm IDE.