

# Abhinay Reddy

## Sr. UI Developer - Optum

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### WORK EXPERIENCE

#### Sr. UI Developer

Optum - Eden Prairie, MN - October 2015 to Present

Optum is leading in technology solutions in the healthcare industry providing critical care in delivering products that benefit its customers. As a Sr. UI Developer, we worked on OHM (Optum HEDIS Manager) development and maintenance. We redesigned the existing OHM application intended to provide proper scores to insurance providers and help them to get data missing in the insurance claims from the doctors. The OHM application helps insurance providers improve their scores for HEDIS (Healthcare Effectiveness Data and Information Set) measures and adjust their plans with respect to place and population to provide proper care.

#### Responsibilities

- Spring framework for the development of the middleware of OHM.
- Worked extensively with Angular JS, JavaScript, HTML and CSS to design the UI for OHM.
- Involved in the development of the entire Front-end part of the system, using Google's AngularJS MVC framework (which means JavaScript, HTML, and CSS), JQuery, JS and JSON.
- Application designed and developed using AngularJS, Spring MVC framework and Oracle 11.
- Used dependency injection and Spring Aspect Oriented Programming (OAP) for Business Layer development.
- Built RESTful web services and Integration Service layers to provide data from the backend.
- Writing JUnits using Mockito and Power Mock to ensure quality of code.
- Worked with System Team for Regression, Integration, System and Beta Testing.
- Provided Production Support.

#### Sr. UI Developer

Verizon - Township of Warren, NJ - January 2015 to October 2015

Verizon Communications is one of the world's largest telecommunications company, serving individual consumers, small and middle market businesses and large corporations with a range of services including, phone service, Internet access and television to residence. My Verizon Diagnostics(MVD) is a Device Health Check Tool used by service representatives to remotely access your phone during service calls to quickly address and fix.

#### Responsibilities

- Developed Application POC using MEAN (MongoDB, ExpressJS, AngularJS, NodeJS) stack. Worked closely with internal clients to define business objectives, project scope, solution space and design/development approach for various knowledge research applications.
- Developed various UI (User Interface) components using Angular JS (MVC), JSON and HTML.
- Implemented various Validation Controls for form validation and implemented custom validation controls using Object Oriented JavaScript.
- Actively involved in using Angular JS, Bootstrap and HTML5 to enable client side data to meets specific criteria by applying various validation variable.
- Planned and programmed a work queue system on a NodeJs Server with RabbitMQ. It uses Express to create a REST API allowing users to create jobs and retrieve data from MongoDB.

- I regularly worked with both the LAMP and MEAN stacks and used Git daily on a Linux machine
- Developed Interactive 2D graphics using JavaScript API Library WebGL & Three.js.
- Developed various UI (User Interface) components using ReactJS where data changes over time.
- Used Object Oriented JavaScript to designed dynamic client-side to web forms and simulate process for web application.
- Created forms to collect and validate data from the user in HTML and JavaScript.
- Responsible for checking cross browser compatibility and hence worked on different browsers like safari, Internet explorer, Firefox and Google chrome.
- Involved in developing web Page Applications using AngularJS.
- Worked closely with back-end developers to find ways to push the limits of existing Web technology in service of creating the best possible user experience.
- Involved in writing jQuery-based Ajax requests using jQuery. Get or jQuery. Ajax and jQuery. Post.

#### Environment

HTML5 APIs, CSS3, Angular JS, ReactJs, RequireJs, JSON, iOS, Android, JQuery, Restful services, Design Patterns, JUnit, Canvas, Web Services, Windows XP, Karma and Jasmine.

### **Sr. UI Developer**

Bank of America - Hopewell, NJ - April 2014 to December 2014

Bank of America is one of the world's largest financial institutions, serving individual consumers, small and middle market businesses and large corporations with a full range of banking, investing, asset management and other financial and risk-management products and services. National Mortgage Outreach (NMO) project mainly focuses on modifying the delinquent loans thru CAC or Events.

#### Responsibilities

- Designed and developed the application using Agile Scrum methodology by breaking down the project to several sprints.
- Developed application using Angular JS
- Developed the application by using HTML5, Java/J2EE
- Developed GUI using JavaScript, Angular JavaScript
- Designed and implemented the User Interface using JavaScript, HTML5, XHTML, XML, CSS3, JSON, AJAX
- Used EXTJS, SASS and LESS extensively for Rich UI experience.
- Developed an application which runs on various platforms such as iOS and Android.
- Implemented Web Services using SOAP, REST and XML/HTTP technologies.
- Contributed as key resource of the Angular JS Framework Team in conversion of existing (XMI) UI screens of the application to Angular JS based UI.
- Involved in development of commonly used angular components across teams such as directives for grid, pagination, conditional validations.<sup>11</sup>
- Developed the high-quality code which runs across multiple browsers using Web Sockets
- Implemented SOA architecture with Web services using SOAP, WSDL, Local Storage, UDDI and XML
- Converted the XMI code to Angular JavaScript.
- Used Grunt to perform repetitive tasks such as minification, compilation, unit testing
- Worked on Karma and Jasmine.
- Developed Billing API's based on the user stories and exposed them Enterprise Java Beans (EJB) for the Business logic.
- Implemented Maven build tools to build jar and war files and deployed war files to target servers.
- Have worked on Oracle10g, Local Storage data base for storing and retrieving the application data.
- Worked on Interactive 2D graphics using JavaScript API Library WebGL & Three.js
- Written migration/deployment shell scripts on Linux/Unix platforms using VI editor

- Configured Data source and connection pool settings by using WebSphere server Admin console

#### Environment

Ext-JS 4.x, Unix, Maven 2.2.1, XML Schemas, SASS, AJAX, LESS, XML, HTML5 APIs, CSS3, Angular JS, JSON, iOS, Android, JQuery, Webstorm 7, Restful services, Design Patterns, JUnit, Canvas, Web Services, Windows XP, Karma and Jasmine.

### **Sr. UI Developer**

Berkeley Heights, NJ - January 2013 to March 2014

#### Responsibilities:

- Developed UI pages using HTML, XUL, DHTML, XHTML, DOM, CSS, JSON, JavaScript, JQUERY and AJAX.
  - Involved in developing HTML and JavaScript for client side presentation and data validation on the client side within the forms.
  - Involved in writing and modifying Procedure, Queries, Views & Triggers and calling them from JavaScript.
  - Developed application using Angular JS
  - Actively involved in using Angular JS, Media Queries and HTML4 to enable client side data to meet specific criteria by applying various validation variables.
  - 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.
  - Involved in the website architecture design; developed highly user interactive web pages with HTML, CSS and JavaScript.
  - Successfully solved client-side validation issues using JavaScript and AJAX-based techniques.
  - Used HTML and CSS for website layout and design.
  - Implemented page rendering with JavaScript and JQUERY.
  - Created AJAX calls to retrieve product data from the back-end database service.
  - Collaborated with back-end developers in testing and debugging system implementation.
  - Handled browser compatibility issues in HTML, CSS and JavaScript for Firefox, IE, and Chrome browsers.
- Environment: CSS, HTML, XSL, XSLT, PHP, JavaScript, JSP, DHTML, My- SQL, XHTML, XML, AJAX, IIS, Action Script 1.0, Apache Server, MTS, TCP/IP, Adobe Dreamweaver MX, Macromedia Flash MX

### **UI Developer**

CVS Pharmacy - Woonsocket, RI - June 2011 to December 2012

#### Responsibilities:

- Worked with designer who designed user interfaces and prototypes for a web-based internal system.
- Worked on front end pages that were developed in a professional manner using HTML, CSS, JavaScript, and JQUERY.
- Developed and implemented user interfaces as per latest W3C standards.
- Developed client side validation code using JavaScript and JQUERY.
- Creating cross-browser compatible and standards-compliant CSS-based page layouts.
- Involved in fixing Front-End issues with the layouts.
- Actively used XML (documents and transformations) for creating templates with dynamic data from XML file.
- Extensively used/modified JQUERY to perform AJAX calls for creating interactive web pages on JSON response.
- Worked with backend developers to convert HTML/CSS non-functional pages into dynamic JSP pages.
- Developed cross-browser pages using CSS, HTML, DHTML, and JavaScript

- Coded pages with best Search Engine Optimization (SEO) techniques.
- Designed applications that execute on various browsers such as Internet Explorer, Mozilla Firefox, Google Chrome, and Opera using various debugging tools like Firebugs/IE Developer Tools.
- Utilized Angular JS in the development for building SPA and to consume Restful web services.
- Designed user Interface using HTML5, CSS3 and JavaScript.
- Implemented responsive web design and mobile friendly design using Ionic framework and Angular JS.
- Built single page Angular JS application using Ionic framework; fully utilized its JavaScript UI library, including navigation, modal, slide box, scroll, action sheet and more.
- Implemented inline editor, instant search and order form functionality using Angular JS.
- Involved in creating AJAX calls using Angular JS to handle data operations including ordering and filtering.
- Produced client side validation through JavaScript and AJAX for asynchronous communication.
- Performed a lot of DOM operations for loading and manipulating dynamic content on Webpages.
- Handled browser compatibility issues with different browsers related to HTML, CSS and JavaScript for Chrome, Firefox, and IE browsers.
- Performed JSON data parsing using Angular JS to render the information on user interface pages.
- Developed new cross-browser accessible interfaces using Bootstrap, JavaScript and Angular JS.
- Implemented test cases and performed unit testing using Jasmine.
- Managed advanced techniques for single page business solutions and front-end MVC patterns.
- Worked with the business analysts and back-end developers to gather requirements, improve application functionality and add new features.

Environment: HTML5, CSS3, XHTML, JavaScript, JSON, JQUERY, Angular JS, Bootstrap, AJAX, XML, SVN and Eclipse.

## **UI Developer**

Dell Inc - Providence, RI - March 2010 to May 2011

Dell Inc., needed to consolidate customer information companywide and streamline processes. SFDC was integrated with different applications and was used to manage CRM solution to integrate sales, marketing, and support, while scaling to the company's rapid growth.

### **Responsibilities**

- Design & develop supporting components for rule authors
- Design & enhance execution model based on requirements of business object model
- Design & develop Dynamic domains for rule authoring & testing using rule studio/RTS
- Meetings / Discussions with CE (Customer Experience) / dev. team for design changes, control changes, cross impact changes, queries.
- Used HTML5, XHTML, DHTML, Java Script, EXTJS, AJAX, JQUERY, XML, XSLT, XPATH, JSP and Tag Libraries to develop view pages.
- Assisting other team members for any UI related resolutions. Verifying the fixes in IST and QA environments and accordingly flipping the status to ready for re-test.
- Worked on Socket IO for Cross-browser compatibility.
- Developed various Database interaction objects by implementing the DAO patterns and used JDBC as Model Component.
- Experience in working on GIT.
- Working on CSS code framework.
- Web component development like creating data grid, modal fly out, calendar component, buttons, multi-layer drop-down, mega menu.
- Managing the project work-load as a tech-lead.
- Implemented Webservices using SOAP messaging and WSDL.

- Developing code for Mac OS X, Windows XP and Windows 7.
- Implemented the application using spring concepts - DI/IOC, AOP, Batch implementation and Spring MVC.
- Writing code for cross-platform use and middleware applications.
- Creating different types of models. One for dynamic content for Ajax call having both modal header as well as modal body content together inside one modal content body.
- And another with static content with modal header outside modal body content.
- Working on Date Picker.
- Working on Content column with 3 column layout using CSS 3.
- Working on Edit in Place element.
- Working & completing different Sprint Planning tasks.
- Worked on Quick pay: Non Chase: Show a list of transactions.
- Created different modal windows.

#### Environment

Visual Studio 2010, Tomcat, Source control - Clearcase, HTML 5, EXTJS, CSS 3, JQuery, Agile, JIRA on both platforms Windows and Mac OS, iPad Simulator

### Web Developer

Suntron Systems - Pune, Maharashtra - May 2008 to March 2010

The WTS project is initiated by the Quality department of Aegis as an internal requirement to track the reporting of the software developers and capture the metrics there by and analyze the same for the future requirements as part of quality function.

#### Responsibilities

- Executed approved design, developing both applications with JSP, JavaScript, and HTML, generating reports with SQL, PL/SQL, and HTML/JavaScript, MS Query/MS Excel or Oracle Reports.
- Worked on applying UI Principles and Human Factors Principles and Factors for all the web and application products of CDC both Internal and external domains.
- Ongoing new requirements gathering and updating on regular basis.
- Played a programmer role in UI design and development of the front-end architecture.
- Developed user interfaces involving HTML, JavaScript and CSS.
- Developing complex user interfaces involving HTML, CSS and JavaScript.
- Developed HTML pages using HTML and JavaScript for front-end validation.
- Used Rational Rose for creating the class diagrams, use cases, sequence diagrams.
- Expertise with CSS Selectors, classes, ids, pseudo classes, Inheritance and concepts
- Improved Web applications by analyzing user feedback

#### Environment

JavaScript, HTML, XHTML, DHTML, CSS

### EDUCATION

#### Bachelors of Technology in Electronics and communications Engineering

JNTU

### ADDITIONAL INFORMATION

#### TECHNICAL SKILLS

Languages JavaScript, jQuery, AJAX, Java, JDBC, JSP.

Development Stack MEAN (MongoDB, ExpressJS, AngularJS, NodeJS) and LAMP (Linux, Apache, MySQL, PHP)

Front End HTML, DHTML, XHTML, HTML5, XML, JSON, XSL, XPath, XSLT, CSS, CSS3, and FlexBuilder2.0/3.0.

Frameworks AngularJS, Backbone.js, ExtJS

Web/App Developers Web Sphere 8.0(beta), Web logic and Tomcat [...]

Version Control System SVN, CVS, Clear Case.

Desktop Tools Acrobat Writer, MS Word, MS Excel, MS PowerPoint, MS Access

OS Windows/Unix.