**Akshay Gurrapu**

**Sr. Web Developer**

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**SUMMARY**

* 7+ years of extensive experience as a Front End UI Developer with solid understanding of database designing, development and installation of different modules.
* Experience in building Web User Interface (UI) using HTML5, CSS3 and JavaScript, JQuery, Angular, Bootstrap, Node that follows W3C Web Standards and are browser compatible.
* Experience applying the latest software development approaches including MVC, MVVM event – driven applications using AJAX, Object Oriented (OO) JavaScript, JSON.
* Experience in various MVC java frame works like Backbone.js, Require.js, node.js, angular.js, Responsive design, Bootstrap.
* Have good experience creating Responsive Design websites/Applications using Bootstrap Frame work.
* Worked on CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
* Expertise in using CSS preprocessors at various levels to reduce the large use of CSS codes.
* High level of expertise in CSS pixel-level layout, Consistency with browsers, Version and Platform independence.
* Experience in developing web pages using IBM Bluemix to deploy or manage applications.
* Extensive experience of Object Oriented JavaScript design pattern and JavaScript MVC Patterns preferably Angular JS.
* Worked on Angular JS markup and expressions and experience using Angular UI components like GRID.
* Proficient in developing Single Page Applications (SPA) using handlebars, backbone.js and Node.js
* Experience in using various jQuery UI controls and corresponding Event handlers etc.
* Expertise in developing front-end User Interface for web related applications and standalone applications like HTML 5, CSS3, JavaScript and jQuery in usability and accessibility perspective, incorporated brand strategy and guidelines.
* Good knowledge of using JavaScript testing frameworks, Jasmine.
* Expertise in using Grunt as an automation tool for performing repetitive tasks in unit testing.
* Experience in using Web Services RESTFUL web services Proficient in Object Oriented Design/Development (OOD), Object Oriented Analysis and Design (OOAD), Model View Control (MVC) design pattern and Test Driven Development (TDD).
* Experience with Continuous Integration & Automation build tools such as Ant, Maven, Jenkins for building & deploying applications.
* Expertise in using Express with Node JS which provides a robust set of features for web and mobile applications.
* Experienced in all phases of usability testing including user profiles and personals, task analysis, contextual research, test moderation, and reporting using Karma and Jasmine
* Expertise in Core Java concepts - Collection Framework, Exception Handling, IO, Serialization, Multi-threading, Concurrency etc.
* Expertise in John Papa’s Angular Style guide for building Angular applications.
* Expertise in writing client side validations using validation framework, Java Script (JQuery).
* Expertise in analyzing and debugging the DOM Layout, JavaScript functions, Cascading Styles across cross-browser using chrome inspector and other developer tools.
* Proficient in using Git Flow for using simple commands.
* Expert in using Apache Cordova for Cross platform development by HTML5, CSS, Javascript.
* Expertise in developing multi-tire Enterprise applications using Core Java, JAVA/J2EE & related web technologies that includes JSP, Servlets, JDBC, Hibernate.
* Able to create user interfaces and graphical assets using Adobe creative suite.
* Strong programming skills in Java, Multi-Threaded applications and J2EE technologies.
* Experience with major databases such as SQL Server, MYSQL, & MongoDB.
* Experience in using various tools and IDEs for development and design like NetBeans, Eclipse, IntelliJ, Notepad++, and Adobe creative suite.
* Experience in using Widevine DRM encryption scheme for securely licensing and protecting playback video on any device.
* Expert in designing web applications and web contents utilizing various Search Engine Optimization (SEO) techniques.
* Proficient in using file extensions such as .DFXP & .VTT for open and play video in Timed text format and media players such as JW player and Bitmovin.
* Expert in working with servers like Apache Tomcat.
* Good at involving in Pair programming and using Agile methodologies to make work better.
* Excellent analytical and logical programming skills with a good understanding at the conceptual level and possess excellent presentation, interpersonal skills with a strong desire to achieve specified goals.

**TECHNICAL SKILLS**

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| --- | --- |
| **Client Side Programming** | Java, J2EE, HTML4, HTML5, JavaScript, CSS2.1, CSS3, AJAX, JSON, JQuery, Bootstrap. |
| **Languages** | C, C++, Java, JavaScript |
| **JavaScript Technologies** | JQuery, Angular.js, Node.js, Backbone.js, Require.js, Bootstrap, JSON, Grunt JS. |
| **Debugging Tools** | Chrome DevTools, Firebug |
| **IDE** | Eclipse, NetBeans, IntelliJ, Sublime text3, Notepad ++. |
| **Operating Systems** | Windows XP/Vista/7/8, MAC OS X |
| **Automation Tools** | ANT, MAVEN, JENKINS |
| **Testing frame works** | JUNIT, Karma, Jasmine & Hibernate |
| **Web services** | RESTful Webservices, SOAP, IBM Bluemix. |
| **Media Players** | JW player, Bitmovin |

**EDUCATION**

* Bachelor of Technology in Electrical Engineering from JNTU, India.

**PROFESSIONAL EXPERIENCE**

**Senior Java UI developer**

**Stryker, Kalamazoo, MI Jun 2015 – Present**

Stryker is one of the world’s leading medical technology companies and together with the customers, they are driven to make healthcare better. The Company offers a diverse array of innovative products and services in Orthopedics, Medical and Surgical, and Neuro technology and Spine, which help improve patient and hospital outcomes. Stryker is active in over 100 countries around the world.

**Responsibilities:**

* Developed and designed the various screens and its architecture in accordance to UI Specs following client branding standards.
* Create and maintain web pages using HTML, CSS, JavaScript, JQUERY and also responsible for Designing of Web pages including Ajax controls and JSON.
* Experience on creating site Elements, working with static pages and web design Mockups.
* Worked with HTML5, CSS3 background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, Pseudo elements and CSS behaviors.
* Used CSS Preprocessors to make the styling better with less CSS coding.
* Followed MVC, MVVM Structure to develop Application to increase productivity and maintainable code. Worked with Bootstrap for compiling CSS, JavaScript and building the System with the convenient methods with Angular JS.
* Written AngularJS controllers, views and services for new website features.
* Used John Papa’s Angular style guide in creating angular applications.
* Involved in development of AngularJS custom directives of the complex reusable components.
* Developed Angular JS unit test cases using Jasmine Test Framework with the Karma test runner.
* Used Node JS to run Angular JS on server with mock JSON data and completed the UI development independent of server.
* Web application development for backend system using Backbone.JS.
* Implemented Backbone Js client side validation and Implemented BackboneJs modules.
* Designed and implemented Java Classes, Interfaces, Model design, and interface layer design with other team members.
* Used Node Package Manager (NPM) to manage the modules and used it to install useful tools such as Grunt, Express
* Used various Core Java concepts such as Exception Handling, Collection APIs to implement various features and enhancements.
* Developed charting components using the Ext JS charting for the data visualization.
* Used OO principles, especially with regard to HTML/CSS/JS and creating reusable UI components.
* Used AngularJS to create maintainable and testable single page application and Implemented 2-way data binding and used ng-filters across the applications.
* Extensively used ExtJS framework for developing User Interfaces.
* Developed code to call the web service/APIs to fetch the data and populate on the UI using jQuery/AJAX.
* Used Widevine media optimizer and video players like JWplayer and Bitmovin for play back videos on any applications
* Handled response data from RESTFUL web services using XML, JSON and JQuery to update UI. Interacted with java controllers (JQuery, Ajax, and JSON to write/read data from back end systems).
* Manipulated data using CRUD operations of MongoDB database management system and handled database access using Node JS.
* Used Grunt as a Javascript task runner for performing tasks.
* Used GIT version control system to pull, push, commit and raise pull requests from developed code.
* Used Karma/Jasmine for unit testing the complete application.
* Used ANT automated build scripts to compile and package the application.
* Used Apache Cordova for extending application on one or more platforms.
* Debugged the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Tool bar for IE.
* Used AJAX extensively to implement front end /user interface features in the application.
* Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Used jasmine to implement test cases.
* Strictly Followed Agile Methodology and closed most of assigned task with in iteration.
* Developed Functional Requirement Document based on users’ requirement.

**Environment:**Java, J2EE, CSS3, HTML5, Bootstrap, JQuery, AngularJS, BackboneJS, NodeJS, ANT, RESTful web services, Widevine, JW Player, Bitmovin Karma, Jasmine, AJAX, JSON, Eclipse.

**Senior Web Developer**

**Parker Drilling, Houston, TX Jul 2014 – May 2015**

Parker drilling provides advanced drilling solutions in energy industry. Technically innovative company providing worldwide drilling services, rental tools and project management, including rig design, construction and operations management.

**Responsibilities:**

* Responsible for creating efficient design & developing User Interaction screens using HTML5, CSS3, JavaScript, JQuery, AJAX.
* Used JavaScript, JQuery for user interactions in pages.
* Worked on creating responsive website for smart devices using responsive design and media queries.
* Used JQuery, Ajax for service calls on pages to interact with the server for information. Rapid prototyping of design concepts.
* Experience with JQuery, backbone.js, angular.js, node.js.
* Utilized various JavaScript and JQuery libraries, AJAX for form validation and other interactive features.
* Used AngularJs directives, services to bind JSON data with html elements and created Controllers, Modules to build modularization in the application.
* Using Angular JS created custom directives for data manipulations and to display data in company standard format in UI.
* Used $http with AngularJS interceptors to make sure the requests were valid and used ui-router to handle nested views and avoid page redirection.
* Worked on JavaScript framework (Backbone, Node.js) to augment browser based applications with MVC capability.
* Used SQL which is JavaScript database which is a lightweight client-side in-memory SQL database designed to work in browser.
* Used various built-in Bootstrap classes in achieving the desired look and feel of the web components and the Bootstrap grid system for maintaining responsiveness across all screen sizes.
* Used Ajax to send request to the server to check the functionality of the websites.
* Used Node JS, Express JS at the back end and built REST API.
* Used JSON for storing and exchanging information between browsers and servers.
* Testing the website on multiple browsers with their old as well as latest release.
* Using complex Object Oriented concepts in improving the performance of the websites.
* Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Created Ext JS custom UI components and implemented UI MVC framework.
* Involved in configuring the Git repository and maintain the version control using Git.
* Used ANT build scripts to compile Java classes and create jar, performed unit testing and package them into EAR files.
* Used Grunt as an automation tool for unit testing.
* Test-driven development using Karma, Jasmine for unit testing.
* Used Ext JS, JavaScript for validating client-side validations.
* Created forms to collect and validate data from the user in HTML and JavaScript.
* Active participation throughout the entire software development lifecycle from project inception, to code development and elaborate testing of the various modules.
* Used EXTJS for building rich internet applications, backbone JS & Require JS to optimize in-browser use and to load the module and to improve the Speed.
* Used agile methodology for the software development.
* Responsible for authoring of website functionality with JavaScript, HTML, CSS.
* Used CSS Sprites to decrease the number of HTTP requests and load time of web pages. Been an active team player, helped in fixing bugs and also carried out troubleshooting.
* Produced semantically appropriate, standards compliant markup, and produced Rich User Interfaces.

**Environment:** Java, J2EE, HTML 5, CSS3, JavaScript, Bootstrap, AJAX, JQuery, Angular.js, BackboneJS, Node.js, SQL, ANT, Jasmine, Karma, JSON, SOAP, JUNIT.

**Web/UI Developer**

**First Niagara Bank, Buffalo, NY** **Apr 2013 – Jun 2014**

First Niagara Bank is a [Federal Deposit Insurance Corporation](https://en.wikipedia.org/wiki/Federal_Deposit_Insurance_Corporation)-insured [regional banking corporation](https://en.wikipedia.org/wiki/Regional_bank) headquartered in the [Larkin Terminal Warehouse](https://en.wikipedia.org/wiki/Larkin_Terminal_Warehouse) in [Buffalo, New York](https://en.wikipedia.org/wiki/Buffalo_(city),_New_York). It takes personal interest in banking needs: mortgage, investing, credit card, insurance, consumer and commercial financial services. Its parent company, First Niagara Financial Group, Inc. is the 44th largest bank in the United States.

**Responsibilities:**

* Involved in the Software Development Life Cycle phases like Requirement Analysis, Implementation and estimating the time-lines for the project.
* Developed the functionality for communicating between the modules mostly involved in VIEW and CONTOLLER section of MVC pattern for CMS project, it includes HTML, CSS3, JavaScript, JQuery and AJAX which were used for UI development.
* Involved in developing HTML and JavaScript for client side presentation and, data validation on the client side with in the forms.
* Designed Pdf, Excel and Print previews for all the reports in the application using HTML, JavaScript.
* Used BackboneJS for making AJAX calls (GET, POST) for triggering or fetching data from Restful API's provided by the backend team.
* Worked with Backbone and Node to give a structure with rich API over a RESTful JSON interface.
* Developed a core component of Analytics with Node.js, Angular.JS.
* Used AngularJS as framework to create a Single Page Application (SPA), which can bind data to specific views and synchronize data with server.
* Displayed tabular data using AngularJS by applying filters on the table data.
* Used AngularJS Http Request to read data from web servers and process JSON data to render in the UI.
* Experience in developing Web Services to expose useful functionality to web users through SOAP and RESTful web service calls.
* Implemented the application using the concrete principles laid down by several Java/J2EE Design patterns like MVC, Data Access Object (DAO), Singleton and Data Transfer Object (DTO).
* Implemented Maven Script to create JAR, WAR, EAR & dependency JARS and deploy the entire project onto the Weblogic Application Server.
* Created unit test with Jasmine, Karma for front end and Junit tests for Presentation, Business, and Data Access layers.
* Maintain Cross Browser compatibility & implement Responsive Design custom media queries, etc.
* Worked on prototypes for Responsive design.
* Used web Development using HTML, and coded Java components which Retrieves data using SQL from Oracle database.
* Used Github repository to run the Jenkins job for Continues Integration.
* Designed dynamic and multi-browser compatible pages using HTML, DHTML, CSS and JavaScript using Bootstrap.
* Created and tested scripts using JQuery on various browsers Chrome, Firefox, Opera, Safari, IE, etc
* Used JavaScript to make dropdown menus on web pages and displayed part of a web page upon user request.
* Expertise in performing Client-side validations using JavaScript.
* Involved in Unit Testing, code reviews, debugging, bug fixing and documentation of the overall application and system.
* Designed DOM based interactive to reprogram selected links and adopted WCAG 2.0 standards for HTML and XHTML and W3C standards for CSS as well.
* Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google Chrome.

**Environment:** Java,J2EE, Java Script, HTML 4.0, CSS3, XHTML, DHTML, Bootstrap, ANT, MAVEN, Jenkins, Jasmine, Karma, AJAX, JQuery, Angular.js, BackboneJS, Node.js, Windows XP, SOAP, RESTful web service, JUNIT, SQL, Oracle.

**UI Developer**

**Best Buy, Richfield, MN Dec 2012 – Apr 2013**

Best Buy is an American multinational consumer electronics corporation headquartered in Richfield, Minnesota, a Minneapolis suburb. It operates in the United States, Mexico, and Canada. Best Buy sells consumer electronics and a variety of related merchandise, in a non-commissioned sales environment.

**Responsibilities:**

* Application developed on Agile methodologies scrum and iterative method process.
* Created paper prototypes, initial wire frames and designed a strategy by collaborating with the designers.
* Designed, developed and tested web pages from the level of paper prototypes to implementation.
* Assisted in developing HTML and JavaScript codes for client side presentation and, data validation on the client side with in the forms.
* Used AngularJS properties and directives for form validation and created custom directives for custom validation to verify the user information
* Integrated the frontend JQuery UI with backend REST API using Backbone.js.
* Expertise in the implementing Core Java concepts & J2EE Technologies
* Designed and developed the Validators, Controller Classes and Java bean components
* Involved in Database Management and JDBC connectivity
* Used ANT scripts to fetch, build, and deploy application to development environment.
* Involved in developing XML, HTML, and JavaScript for client side presentation and, data validation on the client side with in the forms.
* Developed stores procedures, triggers, functions and database tables in Oracle database.
* Performed unit testing of all java classes using JUnit framework.
* Worked on CSS to design the navigation, gradient background and used other style properties to enhance the look of the web page.
* Worked on testing the cross browser compatibility.
* Played a vital role in defining, implementing and enforcing quality practices in the team organization to ensure internal controls, quality and compliance policies and standards.

**Environment:** HTML4, CSS2.1, Java, J2EE, JavaScript, JQuery, AJAX, JUNIT, ANT, RESTful services, Oracle, XML, Notepad++.

**UI Developer**

**Myntra, India** **Oct 2010 – Nov 2012**

Myntra is an Indian [e-commerce](https://en.wikipedia.org/wiki/E-commerce) company of fashion and casual lifestyle products, headquartered in [Bangalore, Karnataka](https://en.wikipedia.org/wiki/Bangalore,_Karnataka), [India](https://en.wikipedia.org/wiki/India).

**Responsibilities:**

* Responsible for Design and development of Web pages using HTML, CSS including Ajax controls. Developed UI using HTML, CSS, and JavaScript validations.
* Coordinated with BA group for better understanding of functional requirements analyzed and designed the business requirements to be documented and implemented.
* Implemented applications in JavaScript.
* Created various web page layouts using HTML and CSS.
* Designed, developed and updated User Interface Web Forms using CSS and JavaScript.
* Validated input values to make sure that they will be accepted before they are submitted to the server.
* Responsible for developing, editing, publishing and managing content on the external Web pages and internal layouts.
* Used Cascading Style Sheet (CSS) in web pages to separate presentation from structure Defined text alignment, size, borders, and many other typographic characteristics.
* 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. Tested/De-bugged web browser.
* Managed and implemented all code changes via SVN. Deploying builds across development, staging and production instances and maintaining code integrity.
* Tested application on Internet Explorer 6.0 and above, Firefox and Google Chrome to achieve Cross Browser Compatible Issues.

**Environment:** JavaScript, HTML4, CSS2.1, AJAX, Windows 2000/XP, jQuery, IE6.0.

**Web Designer**

**ITC Infotech, India May 2009 – Sep 2010**

ITC Infotech is a specialized global full service technology solutions provider, led by Business and Technology Consulting. The company is focused on creating value through **Domain, Data, Digital, Design and Differentiated Delivery** for Supply Chain based Industries and Services Industries (Banking, Financial Services and Insurance) as a flexible, trusted and sustainable partner.

**Responsibilities:**

* Worked with senior members of the organization to develop a logically decoupled, extensible architecture.
* Experience in full life-cycle development of software using Object Oriented Programming/methodologies (OOPs).
* Expertise in the implementing Core Java concepts, J2EE Technologies.
* Good knowledge on e-commerce functionality and business requirements and building customer-facing e-commerce user interfaces.
* Responsible for Design and development of Web pages using HTML, CSS including Ajax controls.
* Designed and developed the Validators, Controller Classes and Java bean components. Involved in Database Management and JDBC connectivity.
* Worked extensively with the File management and image libraries.
* Coordinating with the all levels of management in the organization for align the career goals as well as to achieve the deadline for the project
* Performed Client-side validations using JavaScript.
* Fixed bugs and provided support services for the application.

**Environment:** Java, HTML, CSS, JQUERY, JavaScript, Eclipse.