**VINOD KUMAR**

**UI / UX Expert**

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**PROFESSIONAL SUMMARY**

* Over 8 years of experience in the field of Front End Development with emphasis on **HTML, CSS (2/3), Spring, JavaScript, jQuery, AJAX, XML, Bootstrap, JSON, AngularJS, NodeJS.**
* Expertise in developing **Web based Distributed** and **Front End applications** in a **three-tier architecture using HTML, JavaScript, Ajax, JSP, Servlets, JSF, CSS.**
* Experience in working with third party web services APIs and Web Services using **AJAX** and **jQuery**.
* Experience in using **agile**/**scrum methodology, TDD.**
* Experience on working with CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements & CSS behaviors.
* Experience in developing web based application with **JAVA, J2EE, servlets, JSP, JDBC and spring.**
* Experience in Model View Controller (MVC) Architecture based applications using Core Java, JSP, Struts Framework, Spring MVC, Spring AOP, Hibernate frameworks.
* Experiencing in working with Teradata database for querying tables and displaying results in UI.
* Good knowledge in understanding TERADATA indexing techniques for writing optimized sql’s.
* Experience in using the **AngularJS** framework for **SPA** web application.
* Experience on **Java 5, EJB 2, Hibernate, Web Sphere, JSF.**
* Experience in various **IDEs** like **Eclipse, IntelliJ, Adobe Dreamweaver, and Microsoft Visual Studio.**
* Expertise in **Web Services** architecture in **SOAP** and **WSDL** using **JAX-RPC**.
* Expertise in XML and related technologies like **XSL, XSLT** and parsers like **JAXP (SAX, DOM)** and **JAXB.**
* Experienced in designing, building and managing complex data driven e-commerce websites using various Internet technologies **including HTML5, CSS3, Responsive Web Design, AngularJS, JavaScript, jQuery,JSON objects, XHTML, AJAX, FTP and DHTML**.
* Well versed in designing, presenting and spacing for UI design / developing. Expertise in developing responsive media queries, JS libraries, Foundation, and **Bootstrap** to build desktop, mobile, and responsive sites.
* Created in-memory data structures using React JS.
* Strong Knowledge and Experience on Collections, Threading, Garbage Collection, Exception Handling, **OOPs concepts and Design Patterns in Core Java**.
* Proficient in writing SQL Queries, Procedures, Functions in Oracle, DB2, SQLServer environment and worked on Performance Tuning of Queries.
* Experience working on JIRA, Clear Quest tools for defect tracking and updating the defect status.
* Proficient in using **RDBMS** concepts and worked with **Oracle 8i/9i/10g/11g, SQL server 2005,Sybase, DB2** and good experience in writing stored procedures, Functions and Triggers using **PL/SQL**.
* Good experience in using Log4J, Junit, Karma, jasmine for testing **and CVS, SVN, Clear Case for Version Control**.
* Perform quality control on all web content to ensure it conforms to **Section508** requirements.
* Knowledge on Cross side Scripting and CSRF.
* Experience in Java Application support.
* Used **TRAC** for web development and bug tracking system.
* Good Working knowledge of **ANT**, **MAVEN** and **Log4J.**
* Good knowledge of **Grunt, GIT, HTTP**, **Restful** services and tools like Bower, Yeoman.
* Experience in **cross browser compatibility testing** and intellectual challenges in user experience Responsive web design using **Bootstrap**/**LESS**/**SASS.**
* Experience in documentation using **MS tools (Word, Excel, PPT, Project and Access).**
* Skills in analyzing user requirements, modeling the system and ensuring the functionality.
* Quick Learner, highly motivated team player with excellent organizational, analytical and communication skills.

**Technical skills:**

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| Programming Languages | Java, J2EE, SQL, C, C++ |
| Web Technologies | HTML 4/5, CSS 2/3,XHTML, XML, Java Script, JQuery, AJAX, DHTML, JSON, AngularJS, Node JS, Bootstrap |
| Frameworks | JSP, Servlets, Spring 3.x, Hibernate 4.x, Struts 2.0, JPA, Restful Web Services, Junit 4.x, JSF, Log4j, SOAP |
| Databases | Oracle 9i/10g, MySQL, SQL server, Mongo DB, Teradata |
| Servers | Apache Tomcat 5.5/6.0, J-Boss 4.0.3, Web Sphere Application server 5.x/6.x |
| Build Tools | Maven, ANT, Grunt |
| Version Control | SVN, CVS, GIT |
| Tools | Eclipse IDE, NetBeans IDE, RAD, Sublime Text, Notepad++, Find Bugs, Brackets, Check style, JIRA, Adobe Dreamweaver, Photoshop, GIF Animator, Adobe Fireworks |
| Operating Systems | Windows 98/2000/XP/NT,Windows 7, Unix, Red Hat Linux 5.x & 6.x |
| Others | UML, Object Oriented Analysis and Design (OOAD), XSL, MS vision |

**PROFESSIONAL EXPERIENCE**

**Client: T-Mobile, Seattle, WA Aug 2014 – till date**

**Role: Front End Web Developer**

**Description:**

Involved in developing a responsive web page as a Senior Front End Web developer. Redesigned UI webpage with **AngularJS** framework for declaring dynamic views and expressive web application. Used **Bootstrap** in order to achieve responsive and beautified Website in order to fit into different types of devices.

**Responsibilities:**

* Wrote **CSS/PHP/JavaScript** to maintain and add features to the site.
* Created a **CSS framework** for using a 12 column grid using **Bootstrap** preferred by the designers as well as implementing parts of Object Oriented **CSS** to cut down on repetitive code.
* Worked with marketing to make changes to design of application to enable a better flow for users to download the product.
* Debugged all look and feel issues in the target browsers, in conjunction with quality assurance.
* Connected to TERADATA database using the Teradata JAR drivers. Created statements for executing SQL‘s and captured results in to result set.
* Brought the **HTML5 and CSS** of an existing web application up to web standards.
* Created a**NodeJS** server and designed GET and POST Ajax calls to implement vital functionalities.
* Angular frontend to create, update and delete RESTful resources.
* Implemented few front-end functionalities using **AngularJS** and consuming the **JSON** data received using **AJAX** calls from the back-end part of the application
* Involved in the creation of interface to manage user menu and bulk update of attributes using **AngularJS** and **JQuery**.
* Fostered close communication with a large development team that included Java developers and a front-end designer to ensure that the user interface remained true to spirit in all aspects of possible data scenarios.
* Developing responsive web design using **Bootstrap** which works well on all types of screens ranging from mobile device, tablets to larger desktops.
* Web application development for backend system using **AngularJS**and **Node JS**with cutting edge.
* Became familiar with **front-end Java tags** and the development environment of Java.
* Participated in solving **user-testing** issues to ensure new tools met the needs of members.
* Full life cycle experience including requirements **analysis, high level design, detailed design,UMLs,data model design**, **coding,** testing and creation of functional and technical design documentation.
* Used **Ajax** to speed up application.
* Used JavaScript sandbox tools to reduce the XSS attacks.
* Used **SOA** Web Services with **XML** parsing to interact other modules and integration testing.

**Environments:** Java1.5, Angular JS,AJAX, XML, XSLT, JSP, Log4j, JQuery, Node.js, Spring2.0, Hibernate3.0, Web Services, Bootstrap, Maven, WebSphere, JUnit, IBM DB2, PL/SQL, RAD 7.0, Clear Quest, HTML5, DHTML, CSS, JavaScript.

**Client: General Motors, Warren,MI Jan 2013- July 2014**

**Role: UI/UX Developer**

**Description**:

Our project is on designing a dynamic and easily readable web application. Involved in designing a web application having **cross-browser compatibility**. Used **AJAX** technique to retrieve content from server. Manipulated **HTML**, **CSS** and **JavaScript** in order to reduce render time of web application.

**Responsibilities:**

* Analyze the software requirements to determine feasibility of design within time and cost constrains.
* Created **HTML** mock-ups for mobile as well as Tablet devices as per UID using **CSS3** and **HTML** for both landscape and Portrait view.
* Created Master Pages, **CSS** Styles Sheets and Integrated to Silver light and got approval from Business Stake holders.
* Designed the email blasts using **Adobe** software and then implemented them using **HTML** and **Javascript**.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using **Angular JS,Node JS**, **EXTJS**, **Require.js** and **JQuery**.
* Developed single page web application using JavaScript framework **Angular JS.**
* Performed Unit testing on angular applications using tools like **Karma**, **Jasmine**.
* Involved in developing **XML**, **HTML5**, and **JavaScript** for client side presentation and, data validation on the client side with in the forms.
* Implemented **CSS3** and **JavaScript** based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Created **HTML** navigation menu that is role based menu items changes dynamically, derived from the database in the form of **XML**.
* Strong web Data Visualization skills to render large sets of data on an MS excel like table view.
* Worked with Google analytics **API** to create reports and to track the statistics of a website or customer database.
* Used **jQuery** core library functions for the logical implementation part at client side for all the applications.
* Designed and Developed User Interactive (UI) of Web pages with the help of **HTML**, HTML, **CSS3**, CSS, **JavaScript**, **JQuery**, **Bootstrap** and **AJAX**.
* Developed and contributed to product design specifications and style guides.
* Created visual mockups based on finalized information.
* Designed and developed User Interface Web Forms using **AdobeFlash**, CSS, **Dreamweaver**, and JavaScript.
* Used **AJAX** for implementing dynamic Webpages where the content was fetched via API calls and updated the **DOM** (**JSON** Parsing)

**Environment:** Java, HTML, CSS3, JavaScript, JQuery, Angular JS, Bootstrap, Node JS, Backbone JS, JSON, Adobe Photoshop, Adobe Dreamweaver CS5, APIs, Eclipse, GitHub, Visio, React JS

**Client: Capital One, Richmond, VA Feb 2012–Dec 2012**

**Role: UI/UX Developer**

**Description**:

Involved in developing User Interface using MVC architecture. Used Java Script to calculate the auto loans.Used SVN as version control to check in the code, Created branches and tagged the code in **SVN**.

**Responsibilities:**

* Followed **AGILE** Methodology for the software development process, part of the cross-functional team for the application development.
* Used **AngularJS** to develop a standalone test application, in scope of future usage of the framework.
* Used various **jQuery** and **Bootstrap** plugins like date picker, bootstrap selectors.
* Experience in writing unit test cases for **JavaScript** using **Jasmine**.
* Developed the application using **HTML**, **CSS3**, JavaScript, **JQuery**, JSP, **NodeJS**, **AngularJS**
* Involved in **AngularJS** MVC architecture implementation and client side validations.
* Used Node JS architectural concepts like event loop, callbacks, and event emitters.
* Worked on Rest Web services as well as Node Rest framework for backend services, used **MongoDB** for database services.
* Worked on **JSP**, Servlets, Struts framework and production support issues of the existing applications.
* Design and Implementation of **DAO** layer using Hibernate and spring, used **MongoDB** for backend integration.
* Experience in developing REST services in **NodeJS** using Express JS, in which **JSON** is used.
* Used **AngularJS** as framework to create a Single Page Application (**SPA**) which can bind data to specific views and synchronize data with server.
* Involved in bug fix in existing software system and also in software enhancement.
* Responsible for effective communication between the project team and the end user.

**Environment**: Core Java, Spring MVC, Hibernate, JSP, JSON, JavaScript, HTML, CSS3, AngularJS, Node JS, Express JS, JQuery, Bootstrap, SVN,JDBC, Oracle SQL Developer, Eclipse, Mongo DB, Tomcat.

**Client: State of Michigan, Lansing, MI April 2011– Feb 2012**

**Role: JAVA/UIDeveloper**

**Description:**

The aim of the project is to understand the end user requirement and develop interactive web pages by gathering functional requirements using **AngularJS, JavaScript** and **HTML.** Involved in optimizing the throughput and scalability in the application using **Node JS.**

**Responsibilities:**

* Implemented applications using **AngularJS** framework.
* Developed the **UI** layout, coordinated project activities and involved in the Software development life cycle (SDLC) - Requirement Analysis, Development, System and Integration Testing.
* Designed the front-end applications, user interactive (UI) web pages using web technologies like **HTML, XHTML, and CSS**.
* Built the custom UI Application logic using **OOD** and **MVC** architecture.
* Experience on working with **DOM** manipulation.
* Experience in working with **JIRA** management tool.
* Used **Node.js** for backend applications.
* Development of client side validation techniques using **jQuery** and **Angular JavaScript**.
* Create and maintain web pages using **HTML, CSS, JavaScript, Java, J2EE** and also responsible for designing of Web pages including **AJAX** controls and **XML.**
* Enhanced user experience by designing and creating new web components and features in **UNIX** environment.
* Used **GIT and Apache subversion(SVN)** for version control software methods
* Used **SOAP** and **RESTful APIs** for backend requests and database access.
* Experience integrating data from third-party API’s into complex JavaScript applications
* Worked on Different web servers like **Tomcat, WebLogic** to deploy application
* Extensive working experience with **Oracle**, ability to write complex **SQL** queries and Stored Procedures.
* Experience on working with cross browser trouble shooting issues.
* Translated business goals and user requirements into an easy-to-use web application experiences by quickly prototyping ideas into deliverables.
* Analyzed, remediated and tested **Adobe** PDF documents, MS Word documents, MS Excel documents, and MS PowerPoint Presentations to ensure **Section508** compliancy.
* Perform **qualitycontrol** on website content and website elements to ensure it all conforms to **Section508** requirements.
* Handling cross browser/platform compatibility issues and debugged using **Firebug**.
* Managed application state using server and client-based State Management options.
* Created web modules in spring in connection with the **AngularJSMVC** framework.
* Prepared the Unit test plans and the integrated test plans.

**Environment:** HTML, CSS3, JavaScript, Firebug Lite, Node.js, jQuery, MySQL, JAVA, J2EE, Servlets, Hibernate, SQL.

**Client: SEARS – Hoffman Estates, IL Feb 2010 – April 2011**

**Role: UI Developer**

**Description:**

Sears is an American chain of department stores. The company was founded by Richard Warren Sears and Alvah Curtis Roebuck in 1886. It was previously based in the Sears Tower in Chicago, and is currently headquartered in Hoffman Estates, Illinois.

The main goal of the project is to design applications that would enhance the user experience and to be highly responsive using **HTML, JavaScript, CSS3, jQuery**.

**Responsibilities:**

* Designed layouts on the front-end using **HTML4, CSS, JavaScript** and **jQuery**.
* Used JSON for data transfer between front end and back end.
* Involved in various phases of application development and developed the system going through **Agile/Scrum** methodology.
* Implemented the project on **JIRA** tool to work in **agile methodology.**
* Built **CSS** and **JavaScript** system for controlling text display issues cross-platform and cross browser.
* Implemented **jQuery** to improve the overall usability of the website interface.
* Developed a **REST** web services, which allow to access data by other application.
* Used jQuery to make the **HTML, CSS** interact with JavaScript functions to add dynamism to the web page.
* Created detailed pixel-perfect mockups of interfaces in **Adobe Photoshop**.
* Developed web applications compatible with wide range of **android** and **IOS** devices.
* Worked with backend programmers to troubleshoot JavaScript related issues with front-end connectivity.
* Used to **TRAC** open source tool for bug tracking.
* Implemented **AJAX** functionality to speed up web application.
* Used Node.js in implementing web **REST APIs**.
* Worked in team to develop high level class diagrams and sequence diagrams and implemented **JAVA/J2EE, Struts, spring, Hibernate, Web services.**
* Used **Tomcat** webserver for the deployment of web Applications.
* Used **HQL** (Hibernate Query language) in Hibernate for database access.
* Involved in configuring development/testing environments on **WebLogic App Server**.
* Used **GIT** for version control software methods.
* Unit test cases are being designed and developed using **Junit**, **Qunit**.

**Environment**: HTML4, CSS2, JavaScript, jQuery, JAVA, JSON, Firebug and AJAX, MS Visio.-

**Client: Bhaskara Technologies, India June 2008 – Dec 2009**

**Role: Java/UI Developer**

**Description:**

The main goal of this project was to build an enterprise site, which allows people to cast their votes online. This project facilitated citizens to participate in political decision making remotely and securely. The ease of access and convenience offered by such an online system were incentives for the success of the project.

**Responsibilities:**

* Involved in requirement gathering and testing of the system.
* Developed the Security features of the System where the users were authenticated and identified
* Used **JUnit** to test specifically the Web Components.
* Developed Front-end system using **MVC** Architecture Model.
* Used **ANT** and **log4j** for building java files and for warnings respectively.
* Wrote **SQL, PL/SQL** (Procedures/Functions/Packages/Triggers) to handle business functionality.
* Designed and implemented front end web pages using **JSP, HTML** and **XML/XSLT.**
* Using their unique voter id, which mapped to users information in the database.
* Used Struts tag library to code **JSP**.
* Performed Java Database Connectivity and involved in Database Design.
* Tested and debugged all the components in **Web Logic**.
* Developed web forms and user controls for the web application in C#.
* Worked on writing C# objects for data access layer and called the stored procedures.

**Environment:** HTML, JSON, XSLT, CSS, visual studio 2005, JavaScript, AJAX, Adobe Dreamweaver, Adobe Photoshop, C#, PHP, MySQL.

**EDUCATION:**Bachelor’s inJawaharlal Nehru Technological UniversityHyd, India. 2008