Venkata E

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**Professional Summary:**

* **8 + years** of experience as FullStack Javascript Developer in developing Web-based Applications and Client Server Applications in **Java/J2EE environment**.
* Extensive experience in **web analysis, design and development and implementation** in **Client / Server** technology.
* Extensive experience in designing professional **UI/UX** web applications using front-end technologies like **HTML 5, DHTML, CSS 3, PHP, JavaScript, XML, XHTML, jQuery, AJAX, JSX, JSON, Redux, TypeScript, D3.js, W3C, Bootstrap, Angular 2, backbone JS, Angular JS, React JS**.
* Proficient in **Object Oriented Design/Development (OOD)**, **Object Oriented Analysis** **and Design (OOAD)**, **Object Relational Mapping (ORM)**, **Model View Control (MVC), NetBeans IDE** design pattern and **Test-Driven Development (TDD**).
* Experienced in using **Log4j, JUNIT and ANT**.
* Experienced knowledge in **WordPress** for developing blogs, websites.
* Experienced in writing reusable and portable components containing business logic on the server side for the **J2EE** platform, **Spring MVC** applications connected to databases like **PL/SQL, DBMS.**
* Expert in designing web applications and Web Content Accessibility Guidelines (WCAG)  utilizing various **Search Engine Optimization (SEO) techniques**.
* Used jQuery to traverse through a **DOM** tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using **jQuery** framework.
* Developed **AWS SDK** tool to build JavaScript applications.
* Experience in **Software Development Lifecycle** **(SDLC),** **application design, financial applications, functional and technical specs,** and**use case development**using**UML**.
* Experience with Responsive and Adaptive Design using **Media Queries, Twitter** **Bootstrap** and **jQuery Mobile App**.
* Experienced on JavaScript fundamentals like inheritance(classical, prototypical).
* Hands on knowledge **of JavaScript MVC frameworks** such as **Backbone JS**and **AngularJS**.
* Done with some **Full stack Development** tools, where have used for Scripting for UI development.
* Worked on Agile methodology and experience working in a fast-paced Scrum environment.
* Experience applying the latest development approaches including **MVC, event-driven applications**using **Ajax, Object Oriented (OO) JavaScript, JSON, and xml.**Developed applications in Healthcare using JavaScript and UI front end tools.
* Worked on **Amazon Elasticsearch**ForApplicaton monitoring and full text search.
* Experienced in working in **AGILE** based development environment and participating in Scrum sessions.
* Worked on **JavaScript framework** (Angular JS) to augment browser based applications with MVC capability.
* Experience through all parts of **Software Development Life Cycle** (SDLC) in developing web applications using **JAVA, J2EE, Spring, JPA, Hibernate, Web services, SOAP** etc.
* Experience in **designing graphic objects, animated images (Vector, Bitmap), templates, presentations, banners, buttons, graphic objects, user interfaces, Rich Internet Applications (RIA’s)** with using various multimedia technologies on **Adobe Flash, Action Script 3.0, Adobe Photoshop CS5, Adobe Illustrator CS5,** **Adobe Fireworks**, **UleadPhotoImpact** and GIF Animator and also other third party cutting edge tools.
* Ability to write **well-documented, well-commented, clear**and**maintainable efficient code** for Responsive web development **(RWD)**.
* Experience with Browser testing, knowledge of **cross-browser/cross-platform** compatibility.
* Good Interpersonal Skills, a good Team player, excellent communication in problem solving.

**Technical Skills:**

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| --- | --- |
| **Web Technologies & Languages** | HTML 5, DHTML, XML, JSX, XSLT, CSS3, JSON, Ajax, Node JS, JavaScript, jQuery, Angular.JS, Angular 2, backbone.js, React.js, Node.js, Bootstrap, Drupal, TypeScript, Knockout JS, Robust JS, W3C, D3.js, Angular 1.5, 1.6, SOAP, ARIA. |
| **Databases** | Oracle, DB2, MS SQL Server, NoSQL(MongoDB, Cassandra),DBMS, RDBMS, MS Access, PostgreSQL. |
| **Testing tools** | Jasmine, karma, Ant, Junit. |
| **Developer Tools** | Visual Studio, DevOps (Git, Github), Atlassian, AWS SDK, Jenkins. |
| **Conceptual knowledge** | Web Services, Socket Programming. |
| **Operating Systems** | Windows, Linux, Unix |
| **Modeling Languages** | UML |
| **Programming Languages:** | C/C++, Java/J2EE, SQL, PL/SQL |

**Professional Experience:**

**Sr FullStack Javascript Developer**

**Mayor’s Office of information Technology, Baltimore, Maryland.**

**Dec 2016 – Present**

**Description:**The Mayor's Office of Information Technology (MOIT) is responsible for deploying, utilizing and leveraging information technology to enhance productivity, broaden capabilities, and reduce the operating costs of Baltimore City government, thereby improving the quality and timeliness of services delivered to the citizenry. I’m the person responsible for client and server interaction for web pages design, developing and implementation of particular action.

**Responsibilities:**

* Developed all the UI pages using **HTML5, XUL, DHTML, XSL/XSLT, JSX, XHTML, CSS3, JSON, JavaScript, jQuery, Ajax.**
* Created XHTML Pages with CSS and the Box Model.
* Worked on**witter Bootstrap** for CSS framework.
* Developed various screens for the front end using **React JS** and used various predefined components from **NPM (Node Package Manager)** and **Redux** library.
* Used **REACT, REDUX**and worked on Single Page Responsive Web Application.
* Used **ECMA**, in the versions of **ES6, 2015, and 2016** comprehensively for client side scripting.
* Have done a POC to measure effort in migrating **Angular 2,**Built web applications on**Angular 2**.
* Used **Webpack**, to bundle JavaScript files for usage in a browser, and also capable of transforming, bundling, or packaging resource. Used Webpack for testing like karma.
* Used **jQuery** to traverse through a **DOM tree** and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using **jQuery framework**.
* Used jQuery plugins for **Drag-and-Drop**, **Widgets, Menus, User Interface, Graphic designing(bitmap)** and **Forms**.
* Used **TypeScript** to build simple applications, Used **TypeScript** to evolve additional language features that simplify end-to-end application development. Used Angular 2 and TypeScript to build simple applications.
* Used **Atlassian** for tracking the issues, improving software development, project management, collaboration, and code quality.
* Responsible for setting up Angular JS framework for **UI** development. Developed html views with **HTML5, CSS3, JSON and AngularJS**in JAVA/J2EE.
* Worked on **Amazon Elasticsearch**ForApplicaton monitoring and full text search.
* Involved in Wireframe creation and converted the wireframes into **HTML and CSS** based **prototypes**.
* Involved in Enhancement of existing application utilizing **AngularJS,** created **HTML** navigation menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of **XML**. Used Angular JS to achieve the two-way data binding.
* Used of inheritance in JavaScript is the ability to create a new object, instance. Used inheritance to make code reusable, readable and therefore clean.
* Used **Bootstrap, Node JS** and **AngularJS** in effective web design. Involved in Writing**jQuery** based **Ajax** Requests.
* Developed AWS SDK tool to build JavaScript applications.
* **Drupal,**usedthemes to define the appearance of web pages.
* Involved in developing **XUL, HTML,**and**JavaScript** for client side presentation and, data validation on the client side with in the forms.
* Understands HTTP and **RESTful** interfaces and uses that knowledge to debug AJAX requests.
* Consumed **Restful**web services based on **Spring Boot**micro services. Used in **Spring Boot** migration for API.
* Involved in writing and modifying **Procedure, Queries, Views**and **Triggers**.
* Worked in Onsite – Offshore model, Onshore also.
* Successfully executed the entire test cases and fixed any bugs/issues identified during the test cycles.

**Environment:**HTML/HTML5, CSS/CSS3, JAVA/J2EE, JavaScript, jQuery, Backbone JS, React JS, Redux.js, NPM, Drupal, JSON, JSX, XML,Ajax, XHTML, RESTful Services, Atlassian, TypeScript, Angular 2, Webpack, Inheritance, Node JS, ECMA (ES6,2015,2016), Graphic designing, Prototype, Spring Boot, Angular JS, Bootstrap, Firebug, Apache, Amazon Elasticsearch, Oracle 10g.

**FullStack Javascript Developer**

**Hitachi Data Systems, Santa Clara, CA**

**Aug 2014 – Nov 2015.**

**Description:** The Company does web development on the basis of client’s requirement. I was involved with them on various projects. I worked on Different frameworks for website designing and used Photoshop/Fireworks for graphic designing. I was responsible in the mobile application designing too.

**Responsibilities:**

* Responsible for leading **UI/UX** focus groups to gather data and analytics to be used in the design/development process.
* Leveraging **HTML5, CSS, SASS, and jQuery, JavaScript, AngularJS and SharePoint 2013**.
* Utilizing**AGILE methodology** daily to ensure proper project workflow throughout the **SDLC** Process within the development team.
* Develop a news website using **WordPress, SASS**.
* Leveraging **HTML, CSS, jQuery/JavaScript, Adobe Creative Suite** and other related technologies to **design/develop** and maintain complex user interfaces and responsive solutions for a variety of internal and external applications.
* Involved in developing the **UI** pages using **HTML, DHTML, CSS, JSX, JavaScript, JSON, jQuery, Backbone.js, D3.js and Ajax**in**java/J2EE.**
* Developed **AJAX**functionalities using frameworks like **JSON, DOJO and jQuery.**
* Built main applications in**Django**leveraging technologies such as**Tasty pie, Angular.js, Backbone.js, Node.js**.
* We have followed with **Agile** and **Scrum** development methodologies.
* Used, unit testing frameworks like **Jasmine, karma**.
* Used **Content Management System (CMS)** like **Alfresco** to managing, controlling, searching and retrieving content beyond the simple inserting, update and delete functions of database.
* Written SQL (**NoSQ**L)Queries to interact with Oracle database and also **Mongo DB, Cassandra**.
* Worked on **Amazon Elasticsearch**ForApplicaton monitoring and full text search.
* Used **Apache Cassandra, MongoDB** as open source for Big data tool.
* Used **Docker,** web interface for the **Docker** Remote API.  Launch, view, remove containers and manage all the **Docker** functions using this utility app.
* Used **jQuery** core library functions for the logical implementation part at client side for all the application.
* Good hands on **DevOps** tools**Git, GitHub**, for solving the problems in Project with Jenkins.
* Animated images using**Illustrator** graphics on web pages. Designed web pages for image modification using **Photoshop**and **Ulead.**Created Hierarchal numbered lists in InDesign CS6.
* Developed AWS SDK tool to build JavaScript applications.
* Debug 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.**
* Worked on cutting edge**finance applications,** using modern JavaScript and Web technologies. Leaded a team involved in refactoring and improving an AngularJS **finance application** for both web and mobile.
* Developed the online application on **Java/J2EE, JDBC, JSP, Servlets, spring, Hibernate, Web Services, and WSDL.**
* Handled**Spring Boot,** migration for API configuration.
* Implemented logging and tracing the messages using Log4J.
* Developed a fully functional **prototype** application using **JavaScript (Angular.js) and Bootstrap, connecting to a RESTful** server on a different domain.
* Used UX design (UXD)paradigm in designing smartphone and tablet usage to user experience makes easy. Used new UX skills to make mobile content contribution more approachable, intuitive, and less reliant on traditional input methods like typing and developed cloud technology to mobile. Used iconic(mobile app) to develops hybrid mobile apps using Web technologies like [CSS](https://en.wikipedia.org/wiki/CSS), [HTML5](https://en.wikipedia.org/wiki/HTML5), and [Sass](https://en.wikipedia.org/wiki/Sass_(stylesheet_language)).
* Involved in writing **SQL Queries, DBMS/RDBMS, and Stored Procedures**.
* Used WCAG, to create tables that transform gracefully.
* Effective management of **Oracle11g** capabilities ensure the integrity and secure of data.

**Environment:**JavaScript, HTML5, CSS3, XML, JSX, JAVA/J2EE, UX paradigm, Spring, Hibernate, Log4j JSF, APACHE, SOAP, Web Services, WordPress, AngularJS, Node.js, Backbone.JS, D3.js, Spring Boot, RESTful, Finance applications, AWS, GitHub, Jenkins, Bootstrap, JDBC, UML,  karma, AJAX,  InDesignGit, Illustrator, Photoshop, , WCAG, Alfresco(CMS), Jasmine, Docker, SERVLET, DB2, SharePoint, PL/SQL, DBMS/RDBMS, Amazon Elasticsearch,  MongoDB, Cassandra.

**UI Developer**

**TEREXCORP, Westport, CT**

**Jan 2012 – Jul 2014.**

**Description:**This is an application designed to provide complete functionality for the user to help in designing, maintaining and modifying website. This site acts as a one stop for all the business related transactions as well as ground level operations.

**Responsibilities:**

* Designed and developed Web pages using **HTML, CSS** including Ajax controls, **JSON** and **XML**
* Developed **data insertion forms** and **validated** them using **JavaScript.**
* Validated input values to make sure that they will be accepted before they are submitted to the server.
* Used**JavaScript and XML** to update a portion of a web page thus reducing bandwidth usage and load time and add modal dialog in web pages to get user input and requests.
* Developed fast loading images using **Adobe Photoshop CS3.**
* Built dynamically generated dropdown lists using **Ajax, jQuery, UI and Angular JS**.
* Extensive experience in implementing **model-view-controller (MVC)** architecture using AngularJS for mobile technology.
* Debug the application using Firebug to traverse the documents and manipulated the **Nodes using DOM and DOM Functions**.
* Worked on **AGILE** methodologies based development environment, participating scrum environment frequently.
* Experiencing in **Grunt, Gulp** which is used in **Node.js** with Local server configurations.
* Worked on **Responsive Web Design (RWD),** to style CSS and HTML to resize, hide, shrink, enlarge, or move the content to make it look good on any screen.
* Used **JUnit** in unit testing and UI testing, to flow of execution of codes with different Annotations.
* Used **KnockoutJS** library to create rich, responsive display and editor user interfaces with a clean underlying data model.
* Responsible for creating the screens with table-less designs meeting **W3C** standards. **ARIA,**intended for use of **web** applications, **web** browsers.
* Used**Drupal**to create all sorts of websites - starting from a personal portfolio page.
* Implemented Presentation layer using **CSS Framework, backbone, Wire-framing, HTML5**.
* Developed non-functional **HTML, CSS 3** pages from the mock ups and involved in **UI** review with UI architect and Business Units.
* Developed GUI using **JavaScript, HTML/HTML5, DOM, XHTML, AJAX, CSS3 and jQuery** in ongoing projects. Coded **JavaScript** for page functionality and **Pop up** Screens.
* Ensured that all components of the application are platform and browser compatible.

**Environment:**HTML5, CSS, JavaScript, AngularJS, AJAX, JSON, Responsive Web Design/Development(RWD), XML,Photoshop, Drupal, Gulp, Agile methodology, MVC, W3C, ARIA, jQuery, WCAG, JUnitKnockoutJS, Backbone JS, Grunt,.

**Client: Deutsche Bank, Jersey city, NJ**

**Nov 2010 – Dec 2011**

**UI Developer**

**Description:** The goal of the project (Multi-Channel Application) was to design, develop and implement an enterprise wide, customer centric product that supports sales and service solutions for Deutsche Bank staff and customer relationship center employees across US.

**Responsibilities:**

* Designed online education shopping cart applications using with **HTML, DHTML, XML and CSS** based on **W3C** standards.
* Designed mockups, GUI layouts by using **HTML, DHTML, XHTML, XML, CSS and JavaScript**.
* Gathered and organized the content and updated the content **through Content Management System (CMS).**
* Designed **UI patterns, UX patterns, GUI designs, page illustrations,** and **user conceptual designs, templates** and **banners by using Adobe Flash, Action Script 2.0, Adobe Photoshop CS4** and **Adobe Illustrator CS4.**
* Managed check in and check out operations by using **CMS.**
* Designed **animatedicons, vector** and **bitmap images,** and **graphic objects, graphic designs, application buttons, and animated buttons, shopping cart images in Adobe Web Premiumtools like Adobe Flash, Action Script 2.0, Adobe Photoshop CS4, Adobe Illustrator CS4,Adobe Fireworks** and **GIF Animator.**
* Worked on Live Class &amp; Study Calendar module by using **Adobe Flash CS4, Action Script2.0,Adobe Photoshop CS4 and Adobe Illustrator CS4.**
* Worked in **CSS, CSS3, XHTML, HTML, HTML5, XML, DHTML, Ajax, JavaScript,jQuery, AngularJS.**
* Designed the project technical documentation in a presentation manner by using **AdobeFlash, Microsoft Word2007 and Microsoft PowerPoint2007.**
* Worked on Live Class module by designing audio and video files with the help of **AdobeFlash, Action Script and Adobe Photoshop CS4.**
* Designed User Interface (UI) web applications using with web technologies like **HTML,HTML DOM, DHTML, XHTML, XML, XSL, XSLT and CSS.**
* Enable **ASP.NET AJAX and J-query/JSON** for a more responsive interactive **Web UI**.
* Designed Sitetree.xml for entire architecture using with **XML**.
* Worked on Browser Compatibility and tested each and every web application on popularweb browsers such as **Internet Explorer, Firefox, Safari, Opera and Chrome.**
* Designed Rich Internet Applications (RIA’s) and GUI layouts by using **AdobeDreamweaver CS4 and AJAX.**
* Designed front end web applications by writing **HTML** code with the help of **Search EngineOptimization (SEO) techniques.**
* Coordinated with the quality group for testing activities and Production Support team toresolve the solution.

**Environment:**CSS, HTML, CMS, XHTML, DHTML, XML, XSL, XSLT, JavaScript, JQuery,IIS, SEO, Adobe Dreamweaver CS4, AJAX, SVN, Adobe Creative Suite, Adobe Flash CS4,Action Script, VSS, Adobe Illustrator CS4, Adobe Fireworks, Adobe Photoshop CS4 and MSOffice Suite.

**UI Developer**

**US Steel, Pittsburgh, PA**

**Oct 2009 – Oct 2010**

**Description:** United States Steel Corporation, headquartered in Pittsburgh, Pa., is an integrated steelproducer with major production operations in the United States, Canada and Central Europe. Thecompany manufactures a wide range of value-added steel sheet and tubular products for theautomotive, appliance, container, industrial machinery, construction, and oil and gas industries. Thisapplication allows various users to manage their online accounts to pay bills; view payment history,order status and can download user specific data. This application is developed using localparameters taken into consideration.

**Responsibilities:**

* Web design and development, application development using **Photoshop, HTML, JavaScript and Dreamweaver**.
* Designed dynamic and multi-browser compatible pages using **HTML, CSS, JQuery and JavaScript.**
* **PHP** was used for server-side scripting.
* Used **NetBeans IDE,** to quickly and easily develop Java desktop, mobile, and web applications, as well as HTML5 applications with HTML, JavaScript, and CSS.
* Responsible for design & development with **Test-Driven Development (TDD)** of web pages from **mock- ups.**
* Created web pages which are informative and yet very neat and interesting to look at.
* Designed Frontend with in object oriented JavaScript Framework **like Node.js, Backbone.JS, Knockout JS, and Angular.JS.**
* Wrote application level code to interact with the backend databases **JQUERY AJAX and JSON.**
* Applied **J-Query scripts** for basic animation and end user screen customization purposes.
* Used **AJAX and JSON** to make asynchronous calls to the project server to fetch data on the fly.
* Developed the User Interface using **HTML , CSS, JavaScript, jQuery and  AJAX**
* Designed flash plugins for including different functionalities and content.
* Used **Ant** scripts to build and deploy the application on the **WebLogic** application server.
* Designed some animation images using, **Photoshop, Illustrator** graphics.
* Designed **XML** files for maintaining contents like video, images and audio and display them in flash application.
* Involved with bug fixing on functionality, performance and designing issues with **JavaScript and jQuery.**
* Created web pages using **HTML, CSS, jQuery and JavaScript**in **C, Java**.

**Environments**: HTML/HTML4, CSS/CSS3, PHP, JavaScript, Node.js, Angular.JS, Knockout JS, C, Java, Net Beans IDE, Ant, Test-Driven Development (TDD), jQuery, AJAX, Photoshop, Dreamweaver, Illustrator, Information Architecture, Selenium IDE, Flash, SQL.

**Jr. Java UI Developer**

**I Vision Solutions, Hyderabad, India.**

**Jun 2008 – Sep 2009**

**Description:**Objective of the project is to develop and implement a Web Application which will manage the employee’s intranet site, which manages the employee’s payroll, promotion, personal information.

**Responsibilities:**

* Created user interface and navigation structure from wireframes.
* Implemented page designs in standard-complaint **DHTML and CSS**.
* Developed the **Front-End User Interface** using **HTML,  JavaScript, and jQuery and CSS**.
* **PHP** was **used** in conjunction with a MySQL, DBMS/RDBMS database on **Linux/UNIX** web servers.
* Created interactive navigation lists using list elements in **HTML**using**C Scripting**.
* Implemented client side validations in registration forms, login and logout in **hospital(Healthcare)** Applications **using JavaScript.**
* Worked extensively with the File management and image libraries.
* Performed **Client-side** validations using **JavaScript**.
* Extensively used **jQuery,  JSON,  AJAX and DOM** scripting to create interactive web applications like message posting and auto complete form validations.
* Responsible in code optimizing and test across browsers.
* Actively participated in meetings with clients to determine website goals and develop strategies.
* Developed the application based on **MVC (Model-View-Controller)**Architecture using **Spring** Web MVC.
* Used Microsoft Visio for designing the Use Case Diagrams, Class model, Sequence diagrams, and Activity diagrams for **SDLC**process of the application.
* Used**e-Commerce (Financial)**  API using our **robust** **JavaScript.**
* Implemented GUI pages by using **JSP, JSTL, HTML, DHTML, XHTML, CSS, JavaScript** and **AJAX.**
* Extensively used Java multi-threading to implement batch Jobs with **JDK 1.5** features.
* Configured the project on **WebLogic, JBoss**application servers.
* Implemented the online application using **C/C++**, **Java/J2EE, JDBC, JSP, Servlets, spring, Hibernate, Web Services, SOAP, and WSDL.**
* Communicated with other Health Care info using Web Services with the help of **SOAP, WSDL.**
* Tested the web services with **soap UI tool**.
* Used CMS (Content Management System), to design the web pages like embedded graphics.
* Implemented Singleton, Factory Design Pattern, **DAO** Design Patterns based on the application requirements. Worked with widgets to create more interactive web pages.
* Used **SAX and DOM** parsers to parse the **raw XML** documents.
* Used **RAD** as Development **IDE** for web applications.
* Designed and developed base classes, framework classes and common re-usable components.
* Used **SVN** for Version **Control tool** and **Silk Central** for bug tracking tool.

**Environment:** CSS3, HTML, PHP, DHTML, Photoshop, JSP, JSTL, JavaScript, XHTML, Robust JavaScript, e-commerce, Healthcare applications, MySQL, DBMS/RDBMS, AJAX, WebLogic, JBoss, JDBC, JSP, Servlets, Spring, C Scripting, Linux/UNIX,JAVA/J2EE, CMS, Hibernate, SOAP, WSDL, XML, SVN, RAD, DOM parsers.

**Education:**

* **Bachelor’s degree in Computer Science and Engineering,** India