VENKAT REDDY

Web UI Developer

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Objectives

Self-motivated Web UI Development professional with 8 years of experience looking for programming work to utilize unmatched web and application development abilities and experience.

Skills

- Over 8 years of experience in Application and Web development with emphasis on **HTML/HTML5, CSS/CSS3, SASS/LESS, JavaScript, AngularJS/ Angular 2**, **React.JsV15.6.0, Typescript, MongoDB, Express, Node.js, Bootstrap 3, jQuery**, **jQuery UI, DOM, DHTML, XHTML, AJAX, SQL, MySQL, Java**, and **PHP**.
- Background development of Hybrid Mobile App using Angular UI framework from scratch using **TypeScript** and **AngularJs**.
- Experience with **Angular 2** development using **Typescript**
- Strong experience in **MVVM** and **MVC** using, Angular.js
- Background in **MongoDB, Express**, **Angular, Node.js** (MEAN) to develop the **Dynamic web application.**
- Thorough understanding of how **node.js** works in the backend.
- Strong background in working with **Amazon Web Services** to Build and Deploy highly available and scalable infrastructure by using various **AWS** resources
- Professional-level ability of creating Templates, Mockups and Prototypes, Web Interfaces, Layouts and Flow of Future Pages
- Extensive experience on CSS preprocessors SASS and LESS.
- Experience in **SOA** and developing and integrating **SOAP** and **RESTful web services** with the front end using **Ajax Calls**
- Hands-on experience in **Responsive Web Design (RWD).**
- Experience in full **Software Development Life Cycle (SDLC)** that includes Analyzing, Designing, Coding, Testing, Implementation and Production Support including RDC.
- Broad understanding and experience of using package managing tools **BOWER** and **NPM** and scaffolding tool **YEOMAN.**
- Experience in project build tools **GRUNT** and **GULP**.
- Extensive experience in designing and building public facing websites.
- Extensive experience in using **Photoshop**, Illustrator, **Adobe Flash**, **Dream Weaver**, **MS Visio, OmniGraffle** and **Microsoft FrontPage.**
- Experience in designing and presenting multiple concepts and iterations around user interaction models, workflows, wireframes, screen flows, mockups and prototypes.
- Experience in Quality Assurance, Unit Testing, Acceptance Testing, and Integration Testing.

- Experience in the use of various relational databases like **Oracle, DB2, SQL Server** and NoSQL databases like **MongoDB, Cassandra.**
- Expert in using **JSON (JavaScript Object Notation)**, a lightweight data-interchange format to build collection of name/value pairs and ordered list of values.
- Experience working with **Twitter Bootstrap 3** and **4 Framework**, and **JavaScript**.
- Experience in resolving Cross Browser compatibility issues (IE 7 & 8, chrome, Firefox and Safari).
- Ability to work independently and in teams while also managing and handling multiple projects.
- Ability to work in a **Linux** / Open Source environment
- Expert(s) in AWS who can help to review and provide suggestions on existing **AWS** deployments
- Used **gZip** compression tool to compress data when using web service restful calls to send the data to the server.
- Strong problem-solving, organizing, communication and planning skills with ability to work in team environment.
- Extensively used **GIT** and **SVN** as a version control.

Technical Skills

UI Web Technologies.	HTML/HTML5, PHP, WordPress, CSS/CSS3, Bootstrap, AJAX, XML, Nun jacks, JSON, UI Concept Modelling/Wire Framing, LESS, SASS/SCSS.
Scripting Languages	JavaScript, jQuery, AngularJS/2, ReactJs.v15.0, Backbone.Js. Express.Js Node.js, widgets and plugins
IDE's	Eclipse, Sublime Text, WebStorm, Brackets
Version Control	SVN, GIT
Web/App Servers	AWS, Tomcat, WebLogic, WebSphere, JBoss, Scala, Apache
RDBMS	SQL Server 08/12, Oracle 9i/10g/11g, DB2, MongoDB, Cassandra
Operating Systems	Windows, Mac, UNIX
Methodologies	Agile, Waterfall
Others Software Skills	Java, J2EE, Spring, Hibernate, Web Services (SOAP and REST), JUnit, GZip

Education

Lovely Professional University   2008
Computer Science

Experience

Phillips Boston, MA
Senior Web Application UI Designer, Front and Back End Developer ▪ Oct 2016 – Present

PHILIPS is a Dutch technology company headquartered in Amsterdam with primary divisions focused in the areas of electronics, healthcare and lighting. It was founded in Eindhoven in 1891, by Gerard Philips and his father Frederik. It is one of the largest electronics companies in the world and employs around 105,000 people across more than 60 countries.

- Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules are being built.
- Worked with designers to understand and redesign the Package Customization and Service Locator Modules using **HTML 5**, **CSS3** and **jQuery**.
- Created **HTML** pages from the PDF's given by the UX and used **AngularJS2** to retrieve data from the rest services.
- Used **AngularJS** for developing applications from the front end.
- Used advanced level of JQUERY, AJAX, JavaScript, CSS and pure CSS layouts.
- Used AngularJS to develop client-side applications using JavaScript in a clean Model View Controller (MVC) way.
- Created user interface using AngularJS and Bootstrap.
- Used **Bootstrap** library to quickly build project UI's and used AngularJS2 framework to associate HTML elements to models
- Used jQuery core library functions for the logical implementation part at client side for all the applications.
- Worked on responsiveness of the application and explored the fixed width and fluid layouts using Bootstrap.
- Developed different page layouts and leveraged Bootstrap grids, pagination, charts, and form controls.
- Used CSS and Bootstrap for styling the HTML elements.
- Worked on various breakpoints within the application for optimum layout and functionalities on mobile, tablets and desktops.
- Used jQuery plug-ins for Widgets, Menus, User Interface and Forms.
- Involved in developing HTML and JavaScript for client-side presentation and data validation on the client side within the forms.
- Maintain, enhance, and recommend solutions that best suit business and technology needs from a UI standpoint.
- Debug the application using Firebug to traverse the documents and manipulate the Nodes using DOM and DOM Functions.
- Wrote application level code to perform client-side validation using jQuery and JavaScript.

Environment: HTML, CSS, AngularJS2, Bootstrap, JavaScript, jQuery, Dreamweaver CS5, AJAX, JSON, ECLIPSE, MS Office, PL/SQL and SVN.

Staples Boston, MA
Senior Web Application UI Designer, Front and Back End Developer ▪ Jan 2015 – Sep 2016

Staples, Inc. is an American multinational office supply retailing corporation, with over 1,500 stores in North America. Headquartered in Framingham, Massachusetts, Staples also does business extensively with enterprises in the United States and Canada, and as Staples Business Advantage.

Responsibilities:

- Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, jQuery AJAX and JSON.
- Used AngularJS as a part of requirement for implementation of the U-Verse Package Selection Module.
- Used Angular JS for making restful API calls and data binding.
- Successfully implemented various Angular UI Widgets and Components for a complete View.
- Used JavaScript, jQuery for user interactions in pages.
- Implemented CRUD functionality with Entity framework in **ASP.NET** MVC and implemented sorting, filtering and paging with Entity framework in MVC.
- Designed the front-end applications, user interactive (UI) web pages using web technologies like HTML4/5, **XHTML**, and **CSS2/3**, Responsive Web Design and Bootstrap.
- Experience with jQuery, **Backbone JS.**
- Used Ajax calls through AngularJS to populate the data tables on the front end.
- Used Bootstrap and AngularJS for effective design of web 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.
- Involved in building the UI using bootstrap.
- Utilized various JavaScript and jQuery libraries, AJAX for form validation and other interactive features.
- Involved in designing and developing the JSON, **XML** Objects with **MySQL**.
- Used Ajax, JSON to send request to the server to check the functionality of the websites.
- Testing the website on multiple browsers with their older as well as latest release.
- Used JSON for storing and exchanging information between browsers and servers.
- 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 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 along with elaborate testing of the various modules.
- Used Agile methodology for the software development.
- Developed SQL queries to perform insert, update or delete operation on MySQL database.
- 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.

- Active team player, helped in fixing bugs and carried out troubleshooting.
- Produced semantically appropriate, standards compliant markup and produced Rich User Interfaces. Used all the advanced Photoshop features to create appealing visual web interfaces.

Environment: HTML 5, JavaScript, AngularJS, Bootstrap, Backbone JS, AJAX, CSS 2/3, JSON, jQuery, XML, Apache, JBoss.

Wayfair, Great Boston Area, MA
Senior Web Application UI Designer, Front and Back End Developer ▪ Oct 2013 – Dec 2014

Wayfair, Inc. is an American e-commerce company that sells home goods. Formerly known as CSN Stores, the company was founded in 2002 and now sells many home furnishings and décor items. Headquartered in Boston, Massachusetts. Wayfair has offices and warehouses throughout the United States as well as in Canada, Germany, Ireland, and the United Kingdom.

Responsibilities:

- Involved in all phases of project from analysis and requirement phase to delivering the project.
- Analyzed the requirements and formulated the project scope.
- Developed the functionalities using Agile Scrum methodology.
- Performed client-side validations & designed custom directives using AngularJS, following MVC architecture.
- Designed and developed the user interface using HTML, JavaScript, jQuery, AJAX and CSS.
- Rendered the data from the back end using AJAX and jQuery.
- Developed multiple views in a single page application using AngularJS.
- Performed unit testing of the Angular JS application code using Jasmine.
- Worked with Git/GitHub as a version control tool.
- Maintained Cross browser compatibility using Bootstrap.
- Invoked Angular http calls to process JSON data, such as API details and description for rendering them on UI pages in the corresponding modules.
- Worked with node.js on server-side for designing this dynamic web application.
- Configured NoSQL database - **DynamoDB** for providing single-digit millisecond latency, fast DB service for application.
- Performed minification of the source code using Grunt.
- Involved in fixing the bugs in different browsers and any possible compatibility issues.
- Configured and managed source code using Git.
- Integrated Docker container based test infrastructure with Jenkins CI test flow to setup build environment with Git using web hooks and slave machines.
- Worked with the build and deploy tool, Maven, and integrated it with Jenkin build.
- Customized EC2 instances using AWS SDKs for application deployment and authored security policies for providing access via AWS IAM.

- Created AWS security group(s) and configured the trust relations in policy to make AWS resources accessible.
- Created custom VPC to build highly reliable, available, resilient and scalable infrastructure for the application.
- Enabled EC2 instances in a private subnet to connect to internet using NAT gateway.
- Automated daily manual tasks by running BASH scripts that reports on a user defined frequency about versatile issues on Linux-based servers.
- Implemented **Python** scripts to automate various system tasks, OS patches for dev environments and deployment of applications for testing and production environments.
- Utilized Chef for managing the configuration of the application.
- Created various jobs in Jenkins for continuous Integration and Deployment(CI/CD).

Environment:

HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, AngularJS, PHP, Bootstrap, Jasmine, MVC, AWS, SDKs, EC2, IAM, VPC, NAT gateway, python, BASH scripting, CI/CD, Git/GitHub, Chef, Jenkins, Maven, Grunt, Docker, API, Agile methodology, Linux.

Becton Dickinson and Co., Washington, DC
Senior Web Application UI Designer, Front and Back End Developer ▪ Jan 2012 –Sep 2013

Becton, Dickinson and Company (BD) is an American medical technology company that manufactures and sells medical devices, instrument systems, and reagents. Founded in 1897 and headquartered in Franklin Lakes, New Jersey, BD employs nearly 50,000 people in more than 50 countries throughout the world. In fiscal year ending September 30, 2009, 60% of BD sales were generated from non-U.S. markets

- Involved in designing and developing the UI using HTML5, CSS3, AngularJS, JavaScript.
- Responsible for designing and creating RESTful API's.
- Used **D3.js** (Data Driven Document) for Visualizing the data.
- Created modular application structure using AngularJS framework, HTML5 and CSS3.
- Implemented Internet Applications using jQuery, AJAX call and JSON to retrieve data from the server.
- Used Node.js for server side encrypting with **express.js** to write callback functions for the Restful API.
- Worked with Express JS for navigating to different pages in the application.
- Performed cross browser unit testing of Node.js application using Karma.
- Developed JavaScript code to send the AJAX request to the server and handled the responses.
- Assisted my team in migrating the existing application to AWS cloud and contributed in resolving challenges throughout the process, i.e. from initial phase (cloud assessment phase) to final phase (optimization phase).
- Bootstrapped dependencies through bower, npm for including required software in application initialization.

- Maneuvered existing **CFT** (Cloud formation template), **EBS** (Elastic Bean Stalk) to structure the application environment.
- Customized the isolated network by creating AWS VPC for the application and created stacks using cloud formation templates with **JSON/YAML** format to create infrastructure as a code.
- Worked on creating server-less Micro services by integrating AWS Lambda, S3/Cloud watch/API Gateway.
- Managed, Monitored, secured API's using API Gateway Authored code for AWS lambda function in python, node.js.
- Integrated the changes during development with Git.
- Worked in a **Linux** environment(CentOS) with apache tomcat as server on Elastic Beanstalk, configured Auto Scaling groups and ELB for managing load on application.
- Deployed application on AWS EC2 instances and also configured the storage on S3 buckets.
- Created various IAM roles, users and groups and coded the policies using Identity and Access Management.
- Worked with Amazon Cognito to add sign-up, sign-in features and manage permissions for this application.
- Created python scripts for automating various system tasks in production and testing environments.
- Configured cloud watch to monitor real-time granular metrics of all the AWS services and configured individual dashboards for each resource agents.
- For tracking failures on timely manner integrated the Cloud Watch Alarms with SNS Metrics.
- Implemented custom error responses for the application using Cloud Front.
- Configured Mongo DB instance as database server.
- Authenticated login using Web Identity federation to validate through third party login.
- Managed source code using Git and resolved code merging conflicts in collaboration with application developers.
- Maintained continuous integration and continuous Deployment for this fast-paced robust application Environment using AWS Code Deploy and followed Agile scrum throughout the project.

Environment:

HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, REST, Maven, Ant, Jenkins, Git/GitHub, Agile methodologies, Linux, AWS, EC2, S3, SNS, SQS, Mongo DB, ELB, Cloud Front, IAM, Web Identity Federation, Chef, Jenkins, cloud watch, code deploy, VPC, Auto-scaling, Lambda.

Soft Projex India Ltd, Hyderabad India
Web Developer ▪ Jan 2010 – Dec 2011

Project Description: DDA Application This application is an intranet based Financial Application used by the bank personnel in banking centers to facilitate the day-to-day financial transactions within the bank. The application primarily originates DDA products, small business loans, and auto loans. The application is used to promote sales and for maintenance of customer and business data. The application is built using J2EE technologies and Struts framework on IBM Web Sphere Studio application developer (WSAD 5) and deployed on Web sphere server.

Responsibilities:

- Played a key role in the design and development of application using J2EE technologies.
- Played a central role in developing Use Case, Sequence and Class diagrams during design phase using Rational Rose.
- Developed server components using **EJB's**. As part of it, implemented Stateless session beans.
- Worked as a **developer and member of the development team of a project.**
- Involved in creation of requirements and high-level **design specification for improvements implementation with client's business team.**
- Development of a split billing system - **core java,** collections**, spring, hibernate**, MySQL.
- Designed and Implemented **enhancements feature in team.**
- Developed the **UI panels using JSF,** HTML, XHTML, JAVASCRIPT, CSS, **DOJO and** JQuery.
- Developed **ANT scripts** to build and deploy the application in the **JBOSS Application Server**.
- Developed web service to handle insertion and retrieval of information supporting services **framework Apache Axis**
- Involved in writing **SOAP and HTTP based WSDL using XML Schema.**
- Took the initiative to become a **subject matter expert in several areas, including J2EE** technologies, software security, performance re-engineering, build deployment process, Ant tool**, and performance profilers.**
- Designed and **developed framework in core java Exception and Error frameworks, Logging mechanism, Audit Logging, Common Layers like Action, DAO.**
- Involved in application performance tuning, investigated **Memory leaks, CPU and Memory profiling, tuning of production server to provide maximum productivity** and minimum overhead.
- Developed code components based on **design patterns such as business delegate, session façade, data access object, and singleton.**
- Identified the **security loop holes, computer security vulnerability** like cross site scripting that enables malicious attackers to **inject client-side script** into web pages viewed by other **users.**
- **Automated** the build deployment and developed the **continuous build deployment** and **test environment.**

Environment:

Java J2EE, JDK1.5, **Struts, Hibernate**, Flex, Web Service, HTML, CSS, JAVASCRIPT, Multithreading WSDL, JSP, Ajax, **Apache Axis** JDBC, MySQL, Oracle, Ant, JBoss 4.X GA, JUnit, Enterprise Architect, SVN, Bugzilla.

3I Infotech Ltd. India
JAVA UI Developer ▪ Jan 2008 – Dec 2009

Project:

Four Soft IT Solutions provides a wide variety of value-added integrated IT solutions to customers across a multitude of markets and geographies. The skilled consultants and professionals help all the customers achieve and exceed their business goals by designing, deploying, and implementing optimized and scalable full-scale IT solutions that continuously exceed their expectations.

Responsibilities:

- Handled **all aspects of the web application** including maintaining, testing, debugging, deploying and printing
- Designed and developed intranet web applications using Java, JavaScript and CSS.
- Responsible for the design of client websites right from the conceptualization stage.
- Implemented **dynamic page elements and form error validations** using JavaScript.
- Worked on **Cross-Browser compatibility** and fixed the bugs for several browsers.
- Designed many **HTML forms** using the various html form tag per the requirements of the end user.
- Used the **HTML tables** to great effect to achieve page layouts.
- Used CSS to great effect to design to design several pages in a dynamic fashion.
- Used extensively AJAX concept of JavaScript using the XML HTTP Request object to connect to external services to send and receive data in **SOAP** format.
- Managing the use and development of the **Traceability** matrix and participates in design review ensuring that all requirements have been integrated.
- Continuously provide input to project management activities throughout the project lifecycle, risk plan, project plan, issues and statuses.

Environment:

Java, HTML, CSS, JavaScript, jQuery, Usability Testing, and SOAP