**Summary:**

* Over 6 years’ experience in building Web Applications using latest technologies following Waterfall and Agile Methodologies
* **Expertise in front-end frameworks and technologies including** HTML5, CSS3, JavaScript, jQuery, AngularJS, NodeJS and JS Frameworks.
* Experience in developing Web-centric applications using **XML, Angular.js, JavaScript, jQuery, CSS, Photoshop, Dreamweaver and IIS.**
* Working Expertise in Software Development lifecycle including design, development, execution, testing and delivery
* Experience with AWS Cloud and Restful Web APIs
* Experience on implementing Ajax feature using JavaScript and jQuery
* Built application platform foundation to support migration from client-server product lines to enterprise Architectures and servers.
* Used **SVN, GIT** for version control.
* Created Mobile Web Solutions using **Responsive Web Design (RWD)**, **Twitter Boot Strap** and **JQUERY MOBILE**.
* Knowledge of developing with and customizing open source applications such as WordPress, Joomla.
* Developed Web 2.0 Apps using core jQuery with JavaScript and Ajax
* Used Angular JS to develop UI for search products
* Knowledge and experience in using various jQuery UI controls and related Event handlers
* Experience in applications development using Object Oriented Analysis and design (OOA/OOD) principles
* Used the latest **HTML5** elements for video playback, content rendering using semantic tags such as article, section etc.
* Ability to adjust and apply technical knowledge in a dynamic environment using Agile development principles
* Experience in using Project management tools like Jira and TFS
* Worked with the team of architects and back-end Developers to gather requirements and enhance the application functionality and add new features

**Skills:**

|  |  |  |
| --- | --- | --- |
| **Programming Languages** | JavaScript, Java, python | |
| **Web Development** | HTML, CSS, jQuery, jQuery Mobile, AngularJS, GIT, Node.js, Bootstrap, AngularJS, Ajax, Node.js, Automatic task runner (Gulp.js), AWS Cloud, REST APIs, PHP |  |
| **Debugging Tools** | Firebug, Browser Developer tools |  |
| **Databases** | SQL, MySQL, Oracle, SQLite, Apache Hadoop2.9.0 |  |
| **IDEs** | Eclipse, NetBeans, Pycharm, IntelliJ |  |
| **Operating System** | Windows 98/2000/XP/Vista/7/8, MAC OS X, Linux |  |
| **Build Tools** | Jenkins, Grunt, Gulp |  |

**Professional Experience:**

**Sr. Software Developer *-*** Tech Group America Inc**Sep 2016 – Present**

**Client: S&P Market Intelligence** New York, NY

**Description:** Worked on various S&P projects to provide clients with web and mobile applications to visualize financial data including market intelligence data, ratings etc. Used latest and greatest technologies to create and administer single page financial applications which provide various financial services with efficiency and reliability.

**Responsibilities:**

* Worked on S&P CIQ Web Applications project to provide clients with Market intelligence data,
* Enterprise-level Responsive application design and development for web and mobile deployment using technologies like **AngularJS 2.0, jQuery, Node.js, Bootstrap, HTML, CSS, XML, JavaScript, AJAX and JSON.**
* Understanding the Domain Knowledge for the Product, Requirements and Design Documents
* Heavily focused on utilizing JavaScript, jQuery, Bootstrap, HTML, CSS and various JavaScript libraries including AngularJS 2.0
* Followed agile methodologies to achieve day to day tasks including Backlog Grooming, Sprint Planning, Daily Scrums and Retrospectives.
* Continue to educate and expand my knowledge through conferences, online training, self-learning and other available resources.
* Used Chrome and Fiddler, the data and networking debugging and inspecting tools to better understanding the data flow and visualize the accuracy and performance.
* Used routing feature of angular to build a single page application.
* Redesigned user interface **HTML frameworks** with **Bootstrap** and **CSS** styling.
* Designed and Developed Web application using **CSS** preprocessors (**SASS**)
* Worked with **NodeJS** Preprocessing tools like GulpJS and GruntJS

**Environment:** AngularJS 2.0, HTML/HTML5, CSS, SASS, JavaScript, XML, XHTML, Bootstrap, AJAX, JSON, Node JS, GulpJS, GruntJS

**Web Developer**

**UB libraries** Buffalo, N**Y** **Sep 2015 - Aug 2016**

**Description**: Developed and maintained University of Buffalo library web portal single page application using AngularJS, HTML, CSS, JavaScript, jQuery

**Responsibilities:**

* Developed, tested and maintained University Library Web Portal using technologies like **AngularJS 2.0, HTML, CSS, JavaScript, jQuery, Ajax**
* Continue to educate and expand my knowledge through conferences, online training and other available resources.
* System administration, management and installation of LAMP environment. Installation of required libraries for web development projects.
* Debugged **REST** services using Fiddler and Postman
* Writing test driven code using automated task runners like Gulpjs, **Nodejs**, npm.
* Maintaining code using version control GIT.
* Worked on adding custom analytics to the site
* Extensively worked on creating cross-browser compatible interfaces to support IE, Firefox.
* Published and modified website content using content management system.
* Designed and developed database using Microsoft Access and MySQL
* Code deployment was done using **Unix** command line interface

**Environment**: HTML, CSS, JS, Angular 2.0, jQuery, JSON, REST Web Services, Ajax, Nodejs, Unix,WSDL, Apache Axis, Web logic 9.1, SOAP,Log4j, ANT

**Software Developer Intern**

**Beutner Labs**Cheektowaga, NY **June 2015-Aug 2015**

**Description**: Interned to develop and maintain company Website. Work involved database designing, static and dynamic product displaying. Data mining project to cluster the gene data using clustering algorithms and Hadoop MapReduce

**Responsibilities:**

* Developed interactive interfaces using **HTML, JS, Angular JS 2.0, CSS**
* Designed user cases for UI requirements. Prototyped UI design using Adobe Photoshop, Autodesk Inventor
* Used CSS for rewriting stylesheets
* Collaborated with other programmers
* Side project done on **data mining** of skin cells Gene data:
  + Implement clustering algorithms to find clusters of genes that exhibit similar expression profiles: Used K-means, Distributed K-means, Hierarchical Agglomerative clustering with Single Link (Min), and density-based clustering.
  + Implemented (Principal component analysis), SVD (singular value decomposition and t-SNE (t-distributed stochastic embedding) in python to get the two-dimensional data points and visualize the result using 3D scatter plots.
  + Validate clustering results using the following methods:
* Rand Index and Jaccard Coefficient for comparing the clustering results of the aforementioned clustering algorithms
* Visualize data sets and clustering results by using Principal Component Analysis (PCA).
* Single-node apache **Hadoop 2.9.0** cluster to implement MapReduce K-means on the gene data set.

**Environment**: HTML, JS, Angular JS 2.0, CSS, Hadoop, python, Django, Aws, Data caching, Agile

**Web Developer**

**Certified Labs** Plainview, NY**Aug 2014 - June 2015**

**Description**: Worked as a Web Developer for Certified Labs. Part of the team designing and developing User Interface for internal application involving labs daily activities and cases delivered to clients.

**Responsibilities:**

* Involved in designing and implementing **Web2.0 Rich UI** for the Self-service Application using **jQuery Ajax framework** and **Widget based JavaScript** programmed model.
* Developed the UI Screens using **HTML5, DHTML, XML, AngularJS, JavaScript’s, Ajax, jQuery Custom-tags, JSTL DOM Layout and CSS3**.
* Developed the administrative UI using **AngularJs.**
* Designed Frontend with in object oriented **JavaScript Framework** like **Node.js.**
* Created websites for devices using **Responsive design**.
* Written **Ajax driven JSON** consuming JavaScript functions to save User selections such as **radio button, drop-down menu selections into a cookie.**
* Used **jQuery** to traverse through a DOM tree and manipulated the nodes in the tree.
* Used **jQuery** plugins for **Widgets**, **Menus**, User Interface and Forms.

**Environment**: JS, Angular 2.0, jQuery, JSON, Node Js, Ajax, Oracle, WebLogic 9.1, Data Caching, WSDL, Apache Axis, Oracle 10g, WebLogic 9.1, SOAP, Log4j, ANT, Subversion, Linux

**Web Developer**

**Estee Lauder** Melville, NY     **Jan 2013 - Jul 2014**

**Description**:E Commerce web application development for Estee Lauder web platform using technologies like HTML, CSS, JavaScript, jQuery. Worked with a team of highly motivated individuals to develop high quality user interface

**Responsibilities:**

* Responsible for creating efficient design and developing User Interaction screens using **HTML, CSS, JavaScript**, **Angular 1.0 and 2.0, AJAX** and **JSON**
* 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.
* 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.
* Using complex Object-Oriented concepts in improving the performance of the websites.
* Created forms to collect and validate data from the user in **HTML** and JavaScript.
* Used supervised method SVM and unsupervised Bayesian network machine learning method to classification and analysis of new genes.

**Environment**: JS, Angular JS, HTML, JSON, XML, Ajax, OOP, MySQL, SVM, Bayesian Net, Linux, jQuery, Java, Oracle 10g, Eclipse

**Software Developer**

**Buncee LLC** Calverton, NY  **Dec 2011- July 2013**

**Description**:Worked as a software developer to develop, design and test buncee’s web application and tools. Worked with various API to fetch data to be used in the Application

**Responsibilities:**

* Developing, designing debugging, and testing Buncee LLC’s Web Application [using](http://www.buncee.com/) web technologies including **JavaScript, Angular 1.0, Ajax, HTML5, CSS3 and MySQL.**
* Implemented Cron jobs in Linux for various functionalities.
* Documented all the projects using UML diagrams (Sequence diagrams).
* Part of the team designing the architecture for the site.
* Used Chrome and Fiddler, the data and networking debugging and inspecting tools to better understand the data flow and visualize the accuracy and performance.
* Wrote Scripts to gather Daily Metrics from the database including user’s actions performed on the site. Implemented an Admin panel to analyze the gathered data for the business team.
* Worked with email services to send emails to users which included designing email templates, improving email reputation by taking appropriate measures to design and develop content for the emails that passes through Spam filters.

**Environment**: JS, Angular JS, Ajax, HTML, CSS, MySQL, UML, HQL, Data Caching, WSDL, Apache Axis, HibernateTemplate, Hibernate 2.0

**Independent Projects and Coursework in Master’s :**

**Information Retrieval** **Sep 2016 - Nov 2016**

* Setup solr on **Aws server**
* Built Inverted index from the data using given Lucene index
* The goal of this project is to implement various IR models, evaluate the IR system and improve the search result based on your understanding of the models, the Leading and supervising experience implementation and the evaluation. Using data in multiple languages. Implemented vector space, Bm-25, divergence from randomness.
* Return user info related to the query put in. 4 Languages tweets were accessible: Spanish, English, Italian and Russian.

**Travel Web Application April 2017- May 2016**

* Made application that can be used by user to make and share trip itinerary
* Framework for the application included use of JSF integrated with **Ajax, EJB and REST**
* Lead this project with my team.
* Project chosen in the top 10 percentiles of the class

**Academics:**

**University at Buffalo, Buffalo NY**

MS in Computer Science 2017

Bachelors 2013StnyBrook University .