Akshitha

✉ : akshithavaddi95@gmail.com

📞 : (347)-770-5895   in : https://www.linkedin.com/in/akshitha-vaddi-aa8730123/

PROFESSIONAL SUMMARY:

- 3+ years of IT experience in designing, developing and testing the software applications, service- client applications using User Interface frameworks and **Java/J2EE.**
- Experience in using modern Front-End frameworks such as **Angular and React Js.**
- Worked on modern JavaScript concepts such as **ES6** and **ES7.**
- Hands on expertise in developing web pages using **HTML5**, **CSS3**, SASS, LESS, Object Oriented **Java script**, jQuery, AJAX, JSON and XML
- Familiar with features of **Angular** 6 such as Modules, directives, decorators, dependency injection, component communication, services, routing, data binding and form validations.
- Worked in features of **React** such as JSX, State less components, State full components and **Redux.**
- Expertise working with **Java 8 features** likes **Lambda Expressions**, **Streams API, Default Methods** and **Functional Interfaces** and worked with core concepts like **Multithreading, Collection API**, **Exception Handling.**
- Good experience in **CSS** backgrounds, CSS padding, CSS borders, pseudo classes, pseudo elements and setting standards for consumer applications and have a good knowledge on **LESS** and **SASS**.
- Knowledge in using CSS media queries for a responsive behavior.
- Good understanding of Document Object Model (DOM) and **DOM** manipulation using JavaScript.
- Experience in handling forms in Angular, both **Reactive** and **Template** driven.
- Knowledge of utilizing cloud technologies including Amazon Web Services (**AWS**), Microsoft Azure.
- Skilled in writing **and optimizing SQL queries to increase the performance**.
- Responsible for checking **Cross Browser Compatibility** of different elements and tags hence worked on different browsers like Internet Explorer, Google Chrome, Firefox, Opera, and Safari.
- Worked on project using **Agile SCRUM** methodology and used Atlassian tools like **Jira, Bitbucket** to meet timelines with quality deliverables.
- Implemented **MVVM, MVC and** other Design pattern concepts to standardize the application architecture.
- Well experienced in writing test cases in **Test Driven Development** and **Behavior Driven Development**.
- Hands-on Experience on **Angular CLI** (Command line Interface) and **Unit Test** with **Karma-Jasmine** and good at handling **version controlling using GIT.**
- Sound Understanding and good Experience with **Object Oriented concepts and Implementation.**
- Capable performing in a fast paced, result driven atmosphere & self-motivated team player with excellent interpersonal and communicational skills.

TECHNICAL SKILLS:

Programming Languages	C, C++, Java, C#.Net, Data structures, SQL Spring Data (Spring JDBC, Spring JPA), Spring Boot, Hibernate, JPA, REST API.
Web Technologies	JavaScript (ES5, ES6), Typescript, Angular, Angular Materials, React Js, Bootstrap4, Redux, Ajax, jQuery, JSON, HTML4/5, XHTML, CSS3, LESS, SASS, XML.
Database Tools	Fire DB, MYSQL/ PostgreSQL, SQL Server, DB2, Oracle, MS Access.
Development Tools	TFS, Visual Studio, IntelliJ, VS Code, Eclipse, GIT, Jenkins, Maven, Ansible.
Other Tools	JIRA, Bitbucket, Kibana, Confluence, SharePoint.

ACADEMIC DETAILS:

Master's in Computer Science   **Aug 2018 – May 2020**
University of Houston-Clear Lake, Houston, Texas   *GPA:3.74/4.0*
Bachelor's in Information technology   **Aug 2013 – May 2017**
Jawaharlal Nehru Technology University, Telangana, India   *GPA 3.72/4.0*

PROFESSIONAL EXPERIENCE:

Assistant Application Developer

UH Systems, Houston, Texas   *Aug 2019 - Till Present*
Project: UHCL-CSE Portal

Description: Has been a part of developing UHCL Website(https://uhcl.edu/science-engineering/), which is a new user interface for the UHCL users with rich user experience and responsive design. This project is to redesign and re-architecture of UHCL CSE website.

Responsibilities:

- Developed a dynamic UI using **Angular 6, Bootstrap, and SASS**.
- Built client-side validations of user inputs using Angular Reactive forms module.
- Create Single Page Applications (**SPA**) that loads a single HTML page using **Angular** and **RXJS** Observable to generate continuous and **responsive** Web apps, without page reloads, thus dynamically updating that page as the user's side interacts with the app.
- Using modern **ES6** features like arrow functions, default parameters for variables, template literals, spread, operators and ternary operators for better looking code.
- Using Angular Reactive forms to send user data to backend using value changes event emitter.
- Using Angular **HTTP module** for consuming **RESTful web services.**
- Using RXJs features such as **Observables and Subscribe** for communication between unrelated components in Angular.
- Writing automated unit test cases for every functionality written using **Karma-Jasmine.**
- Creating and reviewing pull requests created on GitHub before merging for better coding standards.
- Interacted with school administrators, department faculties/heads to gather the requirements, designed and prepared the documentation, Reports on the same.

Environment: HTML5, CSS3, SASS, Angular 6, React Js, Redux, Bootstrap, TypeScript, JavaScript, Jenkins, Karma-Jasmine.

Software Engineer

CGI Group (Bell ca), Hyderabad, India   *July 2017- July 2018*

- Developing the full stack web application for several products such as Security page, online accounts opening and user login components using **Java, JavaScript, HTML5, CSS3, AJAX, jQuery, JSON**.
- Diligently worked with business system analyst and UX Team to understand the requirements to ensure that right set of UI modules been built.
- Developed the website API's with using **Spring Boot, REST API, Microservices** to display Phone Details, Billings and Payment and consumed the **REST API** using asynchronous **JavaScript** and converting it into JSON and displaying it onto webpage.

Environment: Java, JavaScript, Spring Boot, JPA, CSS, HTML, jQuery, spring, Hibernate, REST API, Ajax, JSON, Junit, Maven.

Software Engineer Intern

CGI Group, Hyderabad, India   *June 2016- July 2017*

- Followed three layers of architecture for the development which includes Business, persistence, Presentation layer wherein developed code modules in **Java, JavaScript, HTML, CSS, Bootstrap.**
- Addresses **Security vulnerabilities** of the application and reduced the vulnerabilities by **80%** by applying few tweaks in existing code.
- Performed Test Execution using **Jenkins** for continuous integration testing. And raised defects using **JIRA** and kept track on status regularly, resolving the issue.

Environment: Java, JavaScript, JSP, JPA, CSS, Bootstrap, HTML, spring, Hibernate, REST API, JDBC driver, MYSQL, Junit

Other Experience

UH Systems, Houston, Texas   *Jan 2019- Aug2019*

- Provided Programming Assistance in **Java, C#.net, Data Structures, JavaScript, HTML5, CSS3** for both graduate and undergraduate students both in one on one and in groups.
- Guided students to execute their programming assignments and explained them about the debugging strategies wherein kept track of their performance and gave them the appropriate feedback.

Certifications:

- Java Script Complete Developer -Udemy   Issued Date - Feb 2020
- Certified Professional, Java SE 6 Programmer-Oracle   Issued Date - Jan 2018