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**Summary of Qualifications**

* 2 years of industry and 4+ years of academic experience in designing and developing Web based applications.
* Worked as a Teaching Assistant for 4 graduate level courses during my 2 years of Master’s degree
* Involved in designing the user experience interface UI/UX methodology, converting findings into UI designs.
* Handled all aspects of the web applications including maintaining, testing, debugging and deploying.
* An expert in OOPs/database concepts and strong in writing fine-tuned SQL queries.
* Participated in scrums and experience with agile SDLC methodologies.

**Summary of Technical Knowledge**

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| Languages | JAVA, J2EE, PL/SQL, C++, C#, VB.NET. **Scripting:** JavaScript. |
| Tools and utilities | **Web:** Abode Photoshop, InDesign, Illustrator Dreamweaver, WordPress, SharePoint. **Testing**: Jasmine, Selenium Web driver, Junit. **Others:** MS Office Suite, Microsoft Visio, Rational Rose, Matlab, Sublime Text, Notepad++, Jira, confluence. **IDE** - Eclipse, NetBeans, MS Visual Studio. **Version Control** - GitHub. **Web Services**: SOAP, RESTful. |
| Database and OS | Oracle 11g, MySQL, SQL Server. **Operating Systems**: Windows, Linux Red Hat, Unix, IOS. |
| Web Technologies | HTML 5, CSS/SASS, Responsive CSS, AJAX, JSON, XML, XSL, XPATH, PHP. **JavaScript Libraries:** AngularJS, jQuery, Bootstrap, Node.js, React.js, Backbone.js. **Framework:** ASP.NET MVC, ADO.NET. |

**Educational Background**

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| **MASTER OF SCIENCE IN COMPUTER SCIENCE MGPA - 3.66**  University of North Texas, USA May, 2016  **BACHELOR'S IN INFORMATION TECHNOLOGY MGPA - 3.8**  Jawaharlal Nehru Technological University, India May, 2014 |  |

**Work Experience**

**Graduate Teaching Assistant Dec, 2015 to May, 2016**

**University of North Texas- College of Engineering**

* Assisted my Professor **Dr. Mark Thompson** with the course: **CSCE 1030 (C++ programming).**Setting up Labs/System to work with Linux/Unix. Played a key role in designing the assignment rubrics and ideas related to projects.
* Also worked as an Instructional Assistant under **Dr. JungHwan Oh** for the course **CSCE 5933 (Multimedia Computing**). Helped students to set up their projects in Matlab, Python, and C#.

**Research with Dr.** [**Xiaohui**](javascript:toggleDescription('29');) **Yuan- Department of Computer Science.**

* Did research in the area of Computer Vision and Intelligent Systems using Python and Matlab, where I conducted an extensive survey on **No-Reference Image Quality Assessment Techniques** by reviewingabove 100 published articles**.**

**Teaching Assistant Aug, 2015 to Dec, 2015**

**University of North Texas- College of Business**

* Worked with Professor **Dr. Melody White** for **BCIS 4670 (XML Web Development)** includingdata integration to websites
* As a part of the course I built a web project using the XML technologies like XML, XSL, XSD and XPATH.

**Software Developer Intern May, 2015 to Aug, 2015 Experian, Texas**

**Project Description:** Built a web application which will allow consumers to purchase a variety of Experian's products and services. Analyze, design, develop, and deliver programs in one or more programming languages, for a specific assigned software system or systems. These included web-based functionality, as well as, backend services.

**Responsibilities:**

* Developed presentation layers using ASP.NET, HTML5 and CSS3. Client side programming was done using C# and VB.NET.
* SQL Server 2012 as a backend by designing database and developed Stored Procedures, views and triggers.
* Experience in working with Razor syntax to embed server side C# code and the ASP.net MVC 4 framework
* Web Forms and Master Pages are used for implementation. Validation done at client side using Validation Controls.
* Performed Unit testing before the actual User Acceptance Testing (UAT).

**Technologies Used***:* ***ASP.Net (C#), VB.NET, HTML5, CSS, JavaScript, T-SQL, SQL Server 2012, Visual Studio, GIT, Jira, Confluence.***

**Tutor/Grader Aug, 2014 to Apr, 2015**

**University of North Texas- College of Business**

* Worked for **BCIS 5420 (Database Management Systems)** with **Dr. Bin Mai**. Helped the students in building an application using Oracle Application Express and also modeling UML/ER diagrams using Microsoft Visio and Rational Rose.
* Tutor/grader for projects related to PL/SQL as well as clarified students doubts related to Oracle 11g.

**UI/ Web Developer Intern Sep, 2013 to Jul, 2014**

**Venky’s Ltd (VH Group)**

**Project Description:** Built a web application for the company’s new XPRS web presence. Worked closely with the UX team for interpreting the web design. Also worked on databases used by VH Group and developed stored procedures, views, triggers using T-SQL that included maintaining all the current functionality and added additional functionality.

**Responsibilities:**

* Worked on HTML, CSS, and JavaScript to develop web pages of the XPRS website.
* Developed CSS templates and modified designs, templates for better User Interaction/User Experience.
* Wrote code to consume the JSON data as a part of AJAX calls and update the DOM.
* Developed web pages which are responsive to different screen resolutions using JQuery mobile and CSS3 media.
* Did cross browser testing and performance checking, tested for vulnerabilities in the source code. (Selenium, JSUnit).
* Debugged the processes, trigger and views, monitored the system and SQL server job schedule and recorded any errors.

**Technologies Used*:*** ***HTML 4, CSS 2/3, JavaScript, AJAX, JSON, JQuery, Agile Testing, T-SQL, SQL Server, Sublime Text and GitHub.***

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| **Web Designer/Developer** | **Jan, 2013 to May, 2013** |

**CVR college of Engineering**

* Designed logos, posters, flyers, and web pages for the college website which promotes CIENCIA (annual fest).
* Developed page layouts, navigation and presented designs and concepts to the management for review.
* Used HTML, CSS, JavaScript, Bootstrap classes to work with the user interface and responsiveness of the web app.
* Also supported in the upkeep and maintenance of CVR college placement cell website which displayed XML data.

**Technologies Used*:*** ***HTML, CSS, XML, XSL, JavaScript, Bootstrap, Adobe Photoshop, Dreamweaver, InDesign, Illustrator.***

**Academic Projects**

**1. Be-Pharmacy- Online store:**

* Created an e-commerce website which has the aspects like catalog, shopping cart, chatroom and Payment system. Main aim to keep it safe from hackers. **Technologies Used: *HTML/CSS, Woo Commerce, WordPress, PHP, My SQL, Node JS.***

**2. UNT Online Examination System**:

* Web application which evaluates the student quizzes thoroughly through a fully automated system. I worked on both admin (post a quiz) and student (attempt the quiz) portals. **Technologies Used: *HTML/CSS, JavaScript, PHP, My SQL.***

**3. Web based fee Reimbursement System:**

* Application allows Students to fill the form online and submit it so that the admin (CVR college of engineering) will compute the amount that needs to be reimbursed. **Technologies Used: *ASP.Net, C#, SQL Server, ADO.net, SharePoint.***

**4. TCO calculation for public IaaS Cloud Computing Service:**

* Application to present a formal math model for the calculation of the Total Cost of Ownership of a public IaaS. Wrote test cases for Unit testing using JUnit. **Technologies Used: *JAVA, Servlets, JSP, Oracle, Apache tomcat server, Junit.***

**5. The Caring Connection- Web App:**

* Developed a responsive and interactive website (Single page application) which is designed for elders to choose their own caregiver in USA**.** The interface is specially designed for the convenience of older people.Developed an admin portal. **Technologies Used: *HTML/CSS, W3.CSS, JavaScript, AngularJS, JQuery, AJAX, JASON, PHP, My SQL.***

**Publications**

* Did extensive research in the area of Software Engineering for an IEEE paper: **“An Approach to Requirements Elicitation and Analysis using Goal”.** Helped the author **Dr. Narender Reddy** with case study related to library management system.
* My Research works also includes contribution to the published paper named **“Agile Programming and Design Patterns in Web Development -A Case Study”-** Author Dr. V. Dattatreya. I worked on Agile methodology using object relational model to map data with Rub on Rails as an MVC framework

**Awards**

**2014 & 2015** – Toulouse Graduate School Tuition Benefit Scholarship.

**2016** - Toulouse Graduate School Tuition Benefit Scholarship and Texas Public Educational Grant (TPEG).

**Activities**

Active committee member of Indian Students Association (ISA) at University of North Texas (UNT).

Created and maintained the **official ISA-UNT website and designed brochures** for the upcoming events hosted by ISA- UNT.