

## Tharun Katanguru

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### SUMMARY

- Over 6 Years of Academic Experience in developing Web/Android applications and interactive software products using HTML/HTML5, CSS/CSS3, JavaScript, jQuery, AngularJS, JSON, Bootstrap, XML and Adobe Creative Suite products.
- Involved in Requirement Analysis, Functional Analysis, Design, Development, Implementation, Testing, Debugging and Maintenance of various application in Web, Android and Data warehousing domain.
- Profound Knowledge in developing RWD HTML pages using DIV layout, Web Accessibility and Web Usability and strong Experience in dealing with CSS Animations, Backgrounds, Layouts, Positioning, Text, Border, Padding and CSS Box Model.
- Experience in using AngularJS for creating user interface and single page web applications and integrating jQuery plug-ins and Widgets into the project.
- Expertise in developing Android apps using PhoneGap/Cordova and SQLite, Java, XML, JSON, Google Maps API, PayPal API, Facebook API, JavaScript, Webview and GPS Location Data.
- Hands on experience using the version controls like GIT, SVN and project management tools like JIRA.
- 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 various database technologies like MySQL, Oracle, SQL Server and MS-Access.
- Extensive experience in functional testing, browser compatibility testing with open source tools like Selenium (IDE,RC).
- Knowledge of full software development cycle, including code reviews, source control management and working knowledge of Agile.
- Expert knowledge in creating Test Plans, Test Cases, Test Scenarios and Test Strategies, Defect Management to ensure Quality Assurance and to test all the business requirements.
- I am a Technically savvy web developer, an ambitious and natural problem solver with a passion for working with new technologies

### EDUCATION

University of Texas, Dallas, Master of Science, December 2015

G.P.A. 3.5/4.0      Major: Computer Software Engineering

Kakatiya Institute of Technology and Science, Bachelor of Technology, May 2014

G.P.A. 3.7/4.0      Major: Computer Science

### TECHNICAL SKILLS

Web Technologies	HTML 5/HTML, CSS3,CSS2, JavaScript, jQuery, JSON, XML
Programming Languages	C, Java, PL/SQL, SQL and Shell Scripting
Database Technologies	Oracle 10g/11g, Microsoft Access, My SQL, Teradata
Servers	Apache Tomcat, Openshift
Libraries	AngularJS, Backbone JS

Operating Systems	Win 95/98/2000/XP/7, UNIX, MAC OS X
Methodologies	Agile, Waterfall, RAD
Testing / Defect Tracking Tools	Selenium (IDE, RC), JIRA
Others	Git, Sublime Text, Notepad++, Adobe Dreamweaver, Illustrator, Photoshop, Wordpress CMS, Toad, SQL Developer, CA Erwin
Auxiliary Skills	MS Office Suite, Astah, Microsoft Visio, IBM Rational Rose, ER Modelling, UML

## **PROFESSIONAL EXPERIENCE**

### **Tech Theme Solutions, Dallas, TX**

**Dec'15 – May'16**

#### **UI Developer Intern**

- Involved in the Software Development Life Cycle phases like Requirement Analysis, Implementation and estimating the time-lines for the project.
- Extensively involved in redesigning the entire site with CSS styles for consistent look and feel across all browsers and all pages.
- Designed dynamic and browser compatible pages using HTML5, CSS3, JQuery and Ajax.
- Created and developed the web-page layout and positioned/developed design elements, using Dreamweaver, HTML and Adobe Photoshop.
- Designed dynamic client-side JavaScript, codes to build web forms and simulate process for web application, page navigation and form validation.
- Experienced use of project management software (JIRA) for Issue Tracking, Maintaining Tickets specific to bug fixes and enhancements.
- Handling cross browser/platform compatibility issues (IE, Firefox, and Safari) on both Windows and Mac.
- Tested/De-bugged on browser using Firebug and Selenium IDE.
- Coded Java Script for page functionality and Lightbox plugins using JQUERY.

**Environment:** HTML5, CSS3, Sublime Text, JavaScript, Adobe Photoshop, Dreamweaver, JQuery, Node.js, Angular.js, AJAX, Git, Jira, Apache Web Server 2.2, Java, JSP.

### **Ashayam Technologies, Hyderabad, India**

**Aug'13 – May'14**

#### **Web Developer Intern**

- Developed the User Interactive web pages in a professional manner using web technologies like HTML, XHTML and CSS2 based on the W3C and ADA standards.
- Developed content taxonomies for various systems including eCommerce, News Management and Direct Marketing web-based applications.
- Built interactive prototypes that clearly demonstrated business requirements, use cases, and user interface design specifications.
- Worked on fixing cross browser compatibility issues.
- Developed client side validation code using JavaScript and JQuery.
- Created pages in Site Core and validating the HTML code with W3C Validator.
- Fixed the HTML errors in site core content editor.

- Highly involved in making updates to the current website and simultaneously handling other projects.

**Environment:** HTML, CSS, JavaScript, JQuery, XML, AJAX, Axure, Usability Testing, Agile methodology, Adobe Dreamweaver, Photoshop, Illustrator, Indesign.

## **ACADEMIC PROJECTS**

**Uber Clone Android App:** Developed a Clone Android application for Uber as part of course work. API's such as Google Maps, Google Places, PayPal and Google plus were implemented. Implemented location based API using Location Manager and Maps Fragment to locate the clinic in the neighborhood and calculate the nearest one using Geocoder API.

**Library Management System:** The main objective of this project is to capture the functional requirements of Library Management System, modelling the requirements, coming up with a relationship matrix, conducting an impact analysis and report customization as a part of course work. SRS Document, Design diagrams along with the product were delivered.

**Restaurant Automation System:** This project computerizes restaurant operation so that all information pertaining to waiter's orders and staff activity will be conveniently shared and stored in the system. Implemented the project as a part of coursework by developing Domain model, Use case, Operation Contracts, Supplementary specification documents, Use case Realization diagrams with the help of IBM Rational Rhapsody Tool. Client Application was developed in Java/Swing and necessary odbc connections to backend databases were implemented for

**Movie Recommender System:** This project is based on Category based Collaborative Filtering Approach where ratings from several users are filtered to provide the best recommendation to the user. Developed the offline web application, performed information filtering mechanisms on movie lens data set and formulated queries for data entry.