

Tharun Katanguru

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SUMMARY

- Over 6 Years of Academic Experience in developing Web/Android applications using HTML/HTML5, CSS/CSS3, JavaScript, jQuery, Bootstrap and interactive Web Applications for Data warehousing and Business Intelligence Domains.
- Involved in Requirement Analysis, Functional Analysis, Design, Development, Implementation, Testing, Debugging and Maintenance of various application in Web, Android Data warehousing domain.
- Experience in delivering UX documentation like wireframes, mockups, sitemaps, storyboards, user scenarios, prototypes, user flows with Adobe Creative suite, Sketch and Axure RP 7.
- Experience in using AngularJS for creating user interface and single page web applications and integrating jQuery plug-ins and Widgets into the project.
- Developing Reports, Charts, Dashboards and Portals for visualizing the KPI's on IBI's WebFocus App Studio, Info Assist and experience in Scheduling and Distribution of Reports/Charts using ReportCaster.
- 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.
- 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, Bootstrap, JSON, XML
UX Design Tools	Adobe Creative Suite, Sketch, Axure RP 7
Programming Languages	C, Java, PL/SQL, SQL and Shell Scripting
Database Technologies	Oracle 10g/11g, Microsoft Access, My SQL, Teradata
Servers	Apache Tomcat, Openshift
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, Drupal, Wordpress CMS, Toad, SQL Developer, CA Erwin
Auxiliary Skills	MS Office Suite, Astah, Microsoft Visio, IBM Rationale Rose, ER Modelling, UML

PROFESSIONAL EXPERIENCE

Amtex Systems, New York, NY

Jun'16 – Till Date

Webfocus Developer

- Understanding Business Requirements, Client's Data and coming up with Key Performance Indicators to evaluate key factors crucial to the success of Organization
- Conducted several JAD sessions to define report Flows and User Interface with the end users.
- Worked closely with the Data Analyst to develop the DW and ETL data mapping in IWay Migrator Informatica PC and schedule ETL Jobs using Workflow Monitor
- Developing Reports, Charts, Dashboards and Portals for visualizing the KPI's on IBI's WebFocus App Studio, Info Assist and Info Assist Plus
- Experience in Scheduling and Distribution of Reports/Charts using ReportCaster
- As a member of the development team was responsible for the development of all HTML launch pages and 3 reporting templates each template containing about 30 individual reports.
- Part of a team to migrate Reports from WebFocus 7.6 to WF 8.1.05 The project consisted of migrating 800 Fex procedures, HTML Templates and Javascript from WF 7.6 to 8.1.05
- Involved heavy use of advanced Graphing capabilities within WebFocus for Executive Summary dashboards, Credit Analyst Scorecard, Scorecard Analysis, Sales Rep Scorecard reports, actual versus projected losses, and delinquencies over time.
- Expert level knowledge on creating and modifying reports using CORE Language
- Researched, reviewed, and analyzed the effectiveness and efficiency of existing report procedures and developed strategies for enhancing or further leveraging these processes.
- Development of complex reports by extracting data from multiple tables using joins or other techniques of merging data and developing active, drill down reports and use of Bootstrap, D3.js Angular JS, JQuery for styling and Responsive Web Design of reports.

Environment: SQL, WebFocus 8.1.05, Informatica PowerCenter 9.6.1, Report Caster, App Studio, Developer Studio, InfoAssist, SQL Server 2012/2014, Fex, HTML, CSS 3, JS, Angular JS, Bootstrap, JQuery, D3.JS, Erwin, Balsamiq, Oracle 11g

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 MySql.

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.