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ANVAY PRADHAN

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EDUCATION

University of Pittsburgh - School of Information Science   **August 2014 - December 2015**
Masters of Science, Information Science   **CGPA: 3.60/4.00**

Mumbai University - Ramrao Adik Institute of Technology (R.A.I.T)   **July 2009 - July 2013**
Bachelors of Engineering, Information Technology

LANGUAGES AND TECHNOLOGIES

Programming Languages: Java, C++, SQL, PL/SQL
Web Technologies: HTML 5, CSS 3, JavaScript, AJAX, XML, XHTML, JSON, jQuery, AngularJS, REST API
Database: MySQL, Derby
Tools: Qlikview, Bootstrap, WordPress 4.0, Matlab, Netbeans IDE, Eclipse IDE, Android Studio
Documentation Tools: MS Word, MS Excel, MS Power Point, MS Visio
Enterprise Tools: JIRA, Github, SVN
Methodologies: UML, Agile

EXPERIENCE

Graduate Student Assistant, **University of Pittsburgh, Information Science Department**   **Jan 2015 – Dec 2015**
- Assisted professors and students in educational, research activities and regulated software maintenance and upgrades

Business Analyst Intern, Firstsource Advantage LLC, NY (MS Excel, Qlikview, MS Visio)   **May 2015 – Aug 2015**
- Designed a system for Cost Analysis of the company, summarized SOPs for Escheatment Process and revamped Payment Processing System saving 41 hours
- Took initiative to learn the concepts of Six Sigma specific to collection firms, monitored a process for Performance Improvement of Employees and developed a performance analysis tracker for capturing lowest 10% of employees

Web Developer Intern, UPMC Children's Hospital (Word Press 4.0, PHP)   **Aug 2014 -Dec 2014**
- Customized a web application for doctors and patient, using a content management system
- Enhanced the functionalities to provide discussion forum, chat application
- Tailored the plugins for effective use of website for health interactions
- Summarized the requirements based on user feedback from beta test results
- Hosted the application on stage and production environments

ACADEMIC PROJECTS

Resume System (HTML 5, CSS 3, JavaScript, Java, JSON, AJAX, SQL)   **Aug 2015 – Dec 2015**
- Spearheaded the development of resume system
- Developed a user interface of the system and designed algorithm to match the resume to the job posting
- Designed and implemented a web service to upload the resume and processing resume

Restaurant Management System (UML, Agile Methodology)   **Aug 2015 – Dec 2015**
- Generated an effective restaurant system that revises all the functional and non-functional requirements of the restaurant
- Created an Operation Concept Document for SRS, documenting the architectural concept and business rules of the system
- Designed Use Case diagram, Activity Diagram, UML diagrams, Class Diagram to represent the system

Customizable Health Record (JSP, JSON, AJAX, Servlets, SQL)   **Jan 2015 - May 2015**
- Designed a responsive web application for clinicians to customize the form elements and save them as templates
- Implemented framework for HL7 standard for patient information
- Enabled a chat application, online questionnaire form and appointment scheduler using JSP, JSON, AJAX, Servlets

Bank System Design Model (UML)   **Jan 2015 - May 2015**
- Initiated a virtual bank system model with defined end to end bank work flows
- Illustrated Use Cases, Operation Contracts, Sequence Diagrams and Domain Model Diagrams for system model

Book Search System (HTML 5, CSS 3, JavaScript, Servlets, SQL)   **Aug 2014 – Dec 2014**
- Developed a responsive online book exchange website using HTML 5, CSS 3, JSP, JavaScript
- Created user profile, search books by ISBN or name, sell books, upload notes, request books, send E-mail requesting books from other users using Servlets to handle user sessions
- Designed database in Netbeans Derby Database

Database System for sales company (JSP, AJAX, jQuery, Servlets, SQL)   **Aug 2014 - Dec 2014**
- Stimulated a system in MVC architecture to maintain the day-to-day transactions of an ecommerce company
- Implemented shopping carts functionality, payment gateway concepts and database normalized to third normal form
- Resultant is launched as a web- based application using SQL to access data stored in a relational database

Chat me (Java, SQL)   **Aug 2014 - Dec 2014**
- Designed a chat application based on client-server architecture
- Executed group and individual chats using multithreading to create multiple connections