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EDUCATION

Carnegie Mellon University, Pittsburgh, PA   **August, 2017**
   MSIT E-Business, School of Computer Science, GPA: 3.67
Purdue University, West Lafayette, IN   **May, 2016**
   B.S. Management Major with MIS Specialist
Udacity - Full Stack Web Developer Nondegree   **Jan 2017 - Present**

SKILLS

Languages: Java, JavaScript(ES6), MySQL, Python
Web Technologies: HTML5, CSS, Boostrap, jQuery, AJAX, AngularJS, J2EE, JSP, React, Node.JS, Gulp, Sass
Frameworks & other tools: Linux, Spring MVC, Jersey, Rational Rose, Illustrator, InDesign, Tableau

PROJECTS

Mutual Fund Trading Web Application   **Jan – Feb 2017**
• Implemented more than 20 use cases for customer and employee to manage mutual fund, using J2EE and MVC.
• Deployed the system on AWS EC2 instance with Tomcat server to ensure performance, scalability and availability.
• Optimized and scaled the app as RESTful web service by handling over 1400 RPS with an accuracy of 99.42%.

Online Pharmacy User Interface Design and Testing   **Sept – Nov 2016**
• Designed an e-commerce website for a leading Healthcare provider (UPMC) using data from contextual inquiries.
  Used HTML, CSS with Bootstrap, JavaScript, and jQuery.
• Identified usability issues by conducting user testing and documenting every breakdown, error condition that
  the user encounters. Re-designed the website based on heuristic evaluations to optimize user experience.

Contact Management Application   **May 2017**
• Designed and developed a web application for contact management using with Node.js, AngularJS and Boostrap.
• Employed local storage to stored and retrieved contact data.

MyFavorite Web Project   **Nov – Dec 2016**
• Developed a web application for users to register, login, manage account and share favorites web pages.
• Implemented website using MVC design pattern, J2EE, JDBC, JSP, JSTL and Apache Tomcat and managed concurrent data with MySQL, JavaBeans and ORM framework(GenericDAO).

Carnegie Financial Service SEO and Data Mining   **March – April 2017**
• Evaluated existing site infrastructure and analyzed keyword market on targeted markets searching habits.
• Re-designed and tested existing site and improved average ranking of new site from 987 to top 10 among 4544
  competitor's webpages for 35 key search phrases.
• Applied KNN algorithm to predict new customer buying habit and new product introduction sales volumes.

Software Design of Garage Parking System   **Nov – Dec 2016**
• Facilitated requirements elicitation to collect functional requirements and quality attributes related to system
  enhancement, and leveraged static, dynamic and physical software perspectives on architectural design.
• Utilized UML to perform system partitioning including interactions between instances of class and subsystems,
  Hybrid-Cloud architecture, and created table structures, schema for a MySQL database.

EXPERIENCE

Web Content Developer   **Aug 2014 – May 2015, Lafayette, IN**
NearbyEx.com
• Worked collaboratively with user experience team to evaluate site performance and identify opportunities for
  improving digital marketing strategies, contributing to a 30% increase in brand awareness within 2 months.
• Reviewed web analytics data to identify incohesive and underperforming web content.
• Utilized Content Management Systems to execute updates and enhancements on a regular basis.