

# VEDA GADDAM

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## WORK EXPERIENCE:

- **Application Programmer, Velosys LLC, Newport Beach, CA.** **July 2017 – present**
  - Participate with leads and managers to understand and analyze application requirements and functional use cases.
  - Participate and analyze the application and database design to conform with the user needs.
  - Code and Unit test application code using the Java application platform suite employing core Java, Spring, Log4J and custom Restful framework.
  - Interface with Quality Assurance team to help create the application test scenarios and execute application testing.
  - Integrate the application code with Build and Configuration system and work closely with the Configuration Management team to promote and deploy code through the User Acceptance Application environment.
- **George Mason University, Graduate Teaching Assistant - Java, Fairfax, VA.** **August 2016 – May 2017**
  - Teach students the core concepts of java concentrating on Object Oriented programming.
  - Instruct, conduct labs, grade and provide feedback to 60 students with the programming assignments.
  - Technologies used: JGrasp, Java, Blackboard,
- **Mindsoft IT Solutions, Software Developer (Intern), India.** **December 2014 – June 2015**
  - Developed forms using HTML and performing client-side validations using JavaScript.
  - Designing, coding and configuring server side J2EE components like JSP, Servlets, Java Beans, XML.
  - Involved in coding using Java Servlets, created web pages using JSP's for generating pages dynamically.
  - Data retrieval and storage in the Oracle database. Retrieval of data from database using JDBC Connectivity.
  - Worked in the Agile development process to ensure quality product delivered within estimated time frame.
  - Technologies used: JSP, Servlets, JDBC, JavaScript, Eclipse, HTML, JUnit, Oracle Database, Apache Tomcat Server, Oracle PL/SQL.
- **IIIT Professor research, Developer (Intern), India.** **April 2014 – August 2014**
  - Designed a system to crowd source word pronunciations using Amazon Mechanical Turk.
  - This data was used to develop a system to automatically generate word pronunciations.
  - Technologies used: Java and Django web framework (Python).

## EDUCATIONAL QUALIFICATIONS

- **Master of Science in Information Systems,** **GPA: 3.70**  
George Mason University, Fairfax, Virginia. May 2017.
  - Courses: Database, Enterprise Architecture, Ecommerce, and Data Mining
- **Bachelor of Technology in Information Technology,** **GPA: 3.50**  
Jawaharlal Nehru Technological University-Hyderabad, India. May 2015.
  - Courses: Data Structures, Databases, Algorithms, and Operating System.

## PROJECTS:

- **Survey Project:** **March 2017 – April 2017**
  - Implemented a survey application which stores the user survey and populates the statistics.
  - Used Java Script, jQuery, Ajax, JSON as the development frameworks to build front end application.
  - Used DAO pattern to retrieve the data from database.
  - Developed web components using Struts, Created Actions classes, view modules in JSP.
  - Tested the complete functionality with JUnit Test Cases
- **Auto Summarization tool:** **January 2014 – March 2014**
  - This tool generates summaries of electronic documents, briefs of big documents that do not have an abstract, using statistical methods.
  - Responsible for writing, tuning and maintaining complex SQL statements.
  - Developed using Java Servlets MVC architecture, created web pages using JSP's for generating pages dynamically.
- **Interoperability design for Beth Israel Deaconess Medical Center case study:** **August 2015 – December 2015**
  - Solved the problem of interoperability between hospitals as the documents in each are of different format.
  - Developed a system which will help different hospitals exchange files with different formats using RDF-XML, HL7 and Open EMR standard formats.
  - All the stages of Software Development Life Cycle(SDLC) were followed through this project.
- **Ecommerce – Cake delivery:** **August 2015 – December 2015**
  - Created a platform which connects local cake businesses with its potential customers through this single website.
  - Deployed this Ecommerce website on Amazon Web Services using Amazon EC2 instance, PHP and MySQL.
  - Worked on the database programming and system server deployment.
- **Topic Modeling using Job Description Data to predict Academic Courses:** **August 2016 – December 2016**
  - Developed a system, to encourage computer science students to pursue their passion, which will suggest the courses and the course paths relevant for their career choice.
  - This system recommends courses to be taken at the start of their university study.
  - Efficiently generated topics that match the job and course description using Python and MongoDB.

## TECHNICAL SKILLS

Programming Languages	: Java(Skilled), Python, C, C#(beginner) and C++.
Databases	: Oracle SQL, MongoDB and MySQL.
Scripting Languages	: Java Script, PHP, jQuery and JSP.
Web Technologies	: HTML, XML, CSS, Servlets, Java Beans, Spring and Struts. (Skilled)
Technologies/Frameworks	: Node.js(beginner), Apache Tomcat web server, JSON, Ajax, Django, Git, Amazon Web Services, REST services.
Operating Systems	: Linux, Windows and MAC OS.
Agile Methodologies	: Agile, Waterfall and Test Driven .
Test Methodologies	: Junit.