Guru Pavan Kumar Kamakolanu

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Education

University of Houston
Masters in Computer Science,   May 2018

Bachelors in IT, SNIST, Hyderabad, India   May 2015   GPA- 8.7/10

Technical Expertise

- **Software Products: ASP .Net**, Informatica, Rational Rose
- **Programming Languages:** C, C++, **C#**, JAVA, JavaScript, PYTHON
- **Dev Tools**: **Visual Studio 2010, 2013**, Matlab.
- **Databases:** ORACLE, MS ACCESS 2010, SQL Server 2012.
- **Web:** HTML, CSS.
- **IDM Tools-** IBM Security Access Manager, Sail Point.

Work Experience

Deloitte: (Aug 2015- July 2016)
Advisory Analyst
- Worked on **Dynamic Word Document generation** with the selected requirements in a web page using **java** and **JavaScript** with a specified format given.
- Worked on **Visual Studio 2010** using **Asp.NET & C#** to develop a US Government Website which included development of web pages that uses backend database to validate the data.
- Worked on **IBM Security Access Manager Tool** to support services for a US Government project.

HP Intern:
- Trained on ASP.NET & C# for a month and worked on an IEEE paper that implements Reverse Dictionary.

Project Profile

Client Requirement Specification (Deloitte)

- **Description:** This project required a dynamic word document generation which depends on the requirements selected by a client displayed on the web page. The respective data, based on the client selection is retrieved from the database and a dynamic word document is generated.
- **Apache POI library** is used in **Eclipse IDE** to generate the word document and different formats are used to generate the document accordingly as per the client requirements.

Automatic Identification of Spoken Digit language (Research based)

- **Description:** This project takes an input audio signal (digit recorded) and identify the spoken digit by processing the human voice into a comparable signal data.
- **Role:** Constructed an algorithm for extracting features of an audio signal using MFCC (Mel-Frequency Cepstral Coefficients).
- **Environment:** MATLAB2012, Audacity.

Simulation of Reverse Dictionary (IEEE 2011 Paper)

- **Description:** A reverse dictionary takes a user input phrase describing the desired concept, and returns a set of candidate words that satisfy the input phrase.
- **Role:** Team Leader-Designed and implemented all modules.
- **Environment:** Microsoft Visual Studio 2013, c#, ASP.Net, SQL Server 2012.

Online Photography Contest

- **Description:** This is a website designed for amateur photographers who can upload their photos online and can participate in the contest. The participants and the voters can check the current votes voted for the picture online.
- **Role:** Team Leader-Designed and implemented all modules.
- **Environment:** Microsoft Visual Studio 2010, c#, ASP.Net, SQL Server 2012.

Awards And Achievements

- **"Employee Appreciation"** award given by Deloitte for the idea "Dynamic Word Document Generation" in Jan 2016.
- Was awared with "**Best Project**" award for the project "**Reverse Dictionary**" in SNIST college.
- Was awarded with the title "**STAR OF THE BATCH**" by **HP**, in June 2014.