

Sudeep Reddy Vaka

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Available: **May - August 2015**

EDUCATION

Northeastern University, Boston, MA

Sept. 2014 - Present

College of Computer and Information Science

GPA 3.7/4.0

Candidate for a Master of Science in Computer Science

Expected graduation: Dec. 2016

Related Courses: Program Design Paradigm, Foundations of Artificial Intelligence

Jawaharlal Nehru Technological University, Hyderabad, India

April 2012

Bachelor's Degree in Electronic and Communication Engineering

GPA 3.6/4.0

Related Courses: Calculus, Linear Algebra, C Programming and Data Structures, Object Oriented Programming, Switching Theory and Logic Design, Computer Organization and Computer Networks

TECHNICAL KNOWLEDGE

Languages: C#, Java, SQL, Racket, C, Python, JavaScript

Systems: Windows XP/7/8

Softwares: Visual Studio 2013, Eclipse, SQL Server Management Studio, GitHub, TortoiseSVN, winAVR, mikroC

Web Technologies: ASP.NET, HTML5, CSS3, Telerik Sitefinity - CMS

Database: SQL Server 2008

WORK EXPERIENCE

WIPRO Limited, Hyderabad, India

Software Analyst (C#, ASP.NET, HTML, CSS, SQL Server 2008)

May 2013 - June 2014

- Migrated a website from legacy server (.NET v1.1) to win2k server (v3.0) and incorporated new enhancements.
- Handled batch jobs and Windows services that push data to client's server using SFTP.
- Delivered technical documentation for the project starting from functional design to unit test cases.
- Automated SQL script execution using XML parsing to generate reports, thereby reducing efforts of up to 20 man-hours per week.
- Received 'Feather In My Cap' award for valuable contribution in the migration project.

Project Engineer (C#, Telerik-CMS, SQL Server 2008)

June 2012 - April 2013

- Maintained the client's interactive website based on Telerik Content Management System leveraging the flexibility of .NET framework.
- Participated in weekly meetings with clients and third party vendors for requirement gathering and understanding business processes.
- Designed mock-up web applications for e-Passport and an online ticket reservation system as a part of training.

ACADEMIC PROJECTS

Northeastern University, Boston, MA

MIT App Inventor 2 – Web App (JavaScript, HTML5, CSS3)

Jan. 2015 - Present

- Developing HTML version of components that are present in the current App Inventor version, to generate an equivalent web app instead of a native android app.

Pacman Artificial Intelligence Project (Python)

Sept. - Dec. 2014

- Implemented standard artificial intelligence and machine learning techniques to emerge victorious in the classic game of Pacman.

Jawaharlal Nehru Technological University, Hyderabad, India

Design of a cost efficient SEGWAY (winAVR, mikroC)

Dec. 2011 - April 2012

- Developed a PID control system in C using AVR Microcontroller (ATMega 32) and gyroscopic sensors to keep the structure upright.
- Won All India 3rd prize at Texas Instruments MCU Design Contest-2012 for the innovative idea and closeness to the original Segway.

Interests: Photography, table tennis, travel.