Sudeep Reddy Vaka

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EDUCATION

Northeastern University, Boston, MA   Sep 2014 – Present
College of Computer and Information Science
Candidate for Master of Science in Computer Science   Expected graduation: May 2016
Related Courses: Program Design Paradigm, Foundations of Artificial Intelligence, Algorithms,
                        Advanced Software Development, Computer Systems

Jawaharlal Nehru Technological University, Hyderabad, India   Apr 2012
Bachelor's Degree in Electronic and Communication Engineering

TECHNICAL KNOWLEDGE

Languages:	C#, Java, JavaScript, SQL, Racket, Python
Development Tools:	Visual Studio 2013, Eclipse, SQL Server Management Studio
Web Technologies:	ASP.NET, HTML5, CSS3, jQuery, AngularJS, SOAP, REST, JSON, Node.js, Express, Telerik Sitefinity
Versioning Tools:	Git, SVN, Perforce
Databases:	SQL Server 2008, MongoDB
Systems:	Windows, Linux, Mac OS

WORK EXPERIENCE

MOBS Lab, Northeastern University   Sep 2015 - Present
Web and Data Visualization Assistant (Node.js, D3)
- Developing RESTful APIs to help the lab host and visualise disease forecast data.

Monster Worldwide, Boston, MA   June 2015 - Aug 2015
Software Engineer Intern (C#, REST, JavaScript, WordPress, CruiseControl)
- Implemented web analytics logic in C# to track events from a job seeker perspective using Adobe SiteCatalyst.
- Created web services and handled AJAX requests from the user to minimize post-backs.
- Participated in daily scrum, sprint plan meetings and completed multiple agile stories.
- Performed all the build and deployment activities of the development team using CruiseControl.
- Maintained a blog to capture the whole intern experience and keep track of events within Monster.

Wipro Limited, Hyderabad, India
Software Analyst (C#, XML, ASP.NET, 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 report generation using XML parsing, 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#, ASP.NET, Telerik-CMS, SOAP)   June 2012 - Apr 2013
- Maintained the client's interactive website based on Telerik Content Management System leveraging the flexibility of .NET framework.
- Designed mock-up web applications for e-Passport and an online ticket reservation system as a part of training.

PROJECTS

Personal Web Development Projects (jQuery, Node.js, Express, MongoDB)   Aug 2015 - Present
- Created a personal web site and an application to host a foosball tournament in our apartment to learn full stack development using MEAN and to explore depths of JavaScript.

Northeastern University, Boston, MA
MIT App Inventor 2 – Web App (JavaScript, HTML5, CSS3)   Jan 2015 - Apr 2015
- Developed a 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)   Sep 2014 - Dec 2014
- Implemented standard artificial intelligence and machine learning techniques to emerge victorious in the classic game of Pacman.