Justin Ratra

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SKILLS

Languages: C#, JavaScript, HTML, and CSS
Frameworks and Libraries: .NET, ReactJS, jQuery, and D3js
Database Applications: MS SQL Server
Source Control: Git, TFVC (TFS), SVN

PROFESSIONAL EXPERIENCE

Viacom, New York, NY   *October 2015 – Present*
Back-End Developer
- Updated and maintained RESTful Web APIs, SOAP Services, and Windows Forms applications.
- Trained many colleagues on using git (merges, rebases, pull requests, etc.) along with best practices.
- Regularly added new features, implemented bug fixes and provided support for any production issues.
- Designed and developed the front-end and back-end for the main transcoding platform using ReactJS and Owin.
- Integrated applications and file delivery services with the Amazon's Simple Storage Service (S3).
- Created unit and integration tests to help document and maintain code function.
- Held code review meetings to anticipate any issues before merging code to be released for production.

Northeastern University Healthcare Systems Engineering Institute, Boston, MA   *September 2014 – May 2015*
Full Stack Web Developer
- Developed a standalone web application allowing over 20 hospitals across Massachusetts to seamlessly share data.
- Produced complex reports and statistical graphs (using D3.js) to visualize data trends over time.
- Created detailed documentation to properly explain all functions and features of the application for end-users.
- Maintained a thorough git repository (accessible at https://github.com/justinr636/capstone).

Hercules Technology Growth and Capital, Palo Alto, CA   *January – July 2014*
Full Stack Web Developer
- Ported a Windows Forms application to an ASP.NET web application (using C#, MSSQL, jQuery, HTML, and CSS), added more features based on user requests, and enabled data management to be more intuitive and robust.
- Designed an intranet and created a news feed to allow all employees to keep track of new deals and updates.
- Developed and enhanced a system in Ruby to allow tracking and trending of analysts' performance.
- Built a web application enabling managing directors to be alerted of clients that need attention.
- Developed a live chat application using SignalR.
- Created a web application to manage football season tickets and raffle away extra seats.

Intel, Hudson, MA   *January – July 2013*
Industrial Engineer
- Compiled data from the factory using SQL queries into reports for operational managers' day-to-day decisions.
- Received many recognitions by helping departments automate and organize their systems using VBA.
- Regularly made improvements to simulation systems to effectively goal factory workers.
- Worked in a Kaizen to efficiently update systems, integrating new products being ramped for production.
- Tracked work on multiple projects daily while prioritizing and managing project deadlines.
- Proactively volunteered to take a Python training crash course.

EDUCATION

Northeastern University, Boston, MA   *May 2015*
   Bachelors of Science in Industrial Engineering with a Minor in Computer Engineering
   GPA: 3.655