Aditi Barbhai

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Education

Honours Bachelor of Science, University of Toronto   *2014*
Double major in **Computer Science** and **Biotechnology**
- Relevant Courses: Software Design, Human Computer Interaction, Web Programming, Data Structures & Analysis, Databases

Technical Skills

I am very proficient with web technologies such as:
- JavaScript, HTML5, CSS3, LESS

Web tools and frameworks that I use often in my work are:
- jQuery, AngularJS, KnockoutJS
- Bootstrap, Material Design Lite
- AJAX, REST API
- Git
- NPM, Gulp, Bower

Back end technologies I have previous experience with:
- Python, PHP, Java
- SQL - mySQL, MS SQL, XAMPP, Apache Server

Relevant Work Experience

Software Consultant   *2014 - present*
Infusion Development Corp, Toronto

As a consultant at Infusion, I have had the opportunity to work on a variety of projects, developing web app solutions for business clients, from major Canadian banks to insurance companies to education boards and textbook publishers. This variety of experience has helped me become a proficient developer, with strong interpersonal skills and a keen eye for business requirements.

In my role as a Consultant, I...
- Worked with business stakeholders, architects, and UX designers to gather business and technical requirements
- Participated in code reviews, and worked with QA to ensure that the end product met development standards as well as business and usability requirements
- Incorporated Agile methods in my projects by having weekly sprints, assigned user stories, and regular stand-ups
- Acted as a team lead in some projects, where my responsibilities included:
  - creating a list of development tasks and assigning them

- working closely with the lead architect and project manager to develop ROM estimates
- keeping track of progress, attending daily stand-ups, and giving progress reports
- Regularly presented at client demos, and often explained technical concepts to non-technical audiences
- Wrote software architechture design documents, and deployment guides
- Successfully collaborated with teams distributed across different locations and time zones

Technologies used: jQuery, KnockoutJS, AngularJS, AJAX, REST API, SharePoint, PowerShell; Git for source control, JIRA for sprint/task tracking, and Confluence for documentation

Software Developer Intern   *2012 - 2013*

IBM Canada, Toronto

- Established myself as a key member of my team by taking responsibility and delivering punctually
- Collaborated with UI designers, database architects and a team of developers to design and develop a web application that offered increased functionality over its predecessor
- Researched and implemented technologies like HTML, CSS, JavaScript, jQuery, Dojo and frameworks such as jqGrid to create a highly functional and dynamic UI
- Wrote design documentation for the UI; used JSDoc for code documentation
- *Design practices implemented*: OOP with JavaScript and Dojo classes, loose coupling, publisher/subscriber pattern, agile development, scrum meetings, pair programming

Web Developer/Designer   *Summer 2012*

Contemporary Computers, Toronto

- Collaborated with a team of designers and developers build websites using WordPress and wrote custom plugins to add client requested functionality
- Observed client meetings and modified sites according to changing client requirements while still delivering on time.
- Designed and developed an online "check-in/check-out" system for employees to log work hours using PHP, MySQL, HTML, CSS, JS
  - Implementation of this system eliminated the need for paper records, reduced human error, simplified salary calculations, and enabled employees to log work hours remotely

Other Relevant Experience

For more information on my projects and to see other relevant experience, please visit my website at: www.aditibarbhai.com/relevant-experience.html