

# RASHNA RAZDAN

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*"It was a pleasure having Rashna on my team. She has a can-do spirit and ensures that the work gets done. She is inquisitive and digs deep into the task at hand."*

- Raj Rathee, **Senior Manager Product Management & Marketing at SAP**

*Rashna is a smart and hardworking person. She is a very quick learner and always has a positive can-do attitude. During her time as a Co-Op Product Manager at SAP, she produced quality work and always delivered on time. She is a pleasure to work with.*

-Vinod Chandran, **Product Manager at SAP**

## SKILLS SUMMARY

- Clear communication skills proven through technical presentations and documents
- Strong web application development skills
- Extensive knowledge of design patterns and object oriented programming
- Solid problem solving skills perfected by relevant work and academic assignments
- Fluent in Hindi (verbal), proficient in Spanish and Russian (verbal and written)

## COMPUTER PROFICIENCY

- Expertise in JavaScript, JQuery, HTML5, CSS3 and LESS
- Experience with Windows, UNIX, Linux and Mac OS X operating systems
- Experience with IDEs (Eclipse, Netbeans, Visual Studios), version control tools (Git, SVN, Perforce) and testing tools (JUnit, JUnit and Valgrind)
- Experience with databases: MySQL, Oracle, MongoDB

## EDUCATION

**Bachelor of Applied Science**, Honours Computer Engineering, University of Waterloo, Waterloo, Ontario, September 2009 - 2014

## RELEVANT PROJECTS

**Healthy Eating Application**, ECE 452, (Software Design And Architecture), August 2013

- Designed and implement a web application using Google Web Toolkit and utilized relevant GoF Design Patterns
- Used Javascript, JQuery, CSS3 as well as Twitter Bootstrap to customize the front end of application
- Used Facebook Graph API and Google Web Toolkit Visualizations API for certain features
- Utilized Secure Design Patterns and BCrypt Framework for application security
- Developed application's MySQL database, performed database normalization
- Created UML diagrams to model software architecture during design process

**Relevant Courses:** Data Structures & Algorithms, Software Requirements and Specifications, User Interfaces, Software Testing, Software Design & Architecture

## WORK EXPERIENCE

**Software Developer**, NexJ Systems, Toronto, Ontario, June/2014 - Present

- Wrote well structured CSS to implement responsive web and mobile design using the LESS framework
- Built user registration and login functionality using an object oriented Javascript framework similar to Backbone.js
- Designed and implemented responsive CSS email templates and ensured correct rendering on all supported email clients and browsers
- Wrote object oriented Javascript to create auto link functionality for a messaging tool
- Created unit tests for the SOA layer using Qunit and integrated Blanket.js to provide unit test coverage metrics
- Performed query optimization and query creation for MongoDB
- Collaborated with Product Management to create and estimate stories on JIRA in order to do agile development

**Product Manager**, SAP, Waterloo, Ontario, September/2012 - December/2012

- Performed technical competitive analysis to give employer solid understanding of Adaptive Server Enterprise (ASE) products
- Created stored procedures in order to analyze performance of ASE and competitor database management systems under different workloads
- Conducted presentations for company executives on competitive analysis involving leading databases, such as Oracle 11g

**Software Developer**, Blackberry, Waterloo, Ontario, January/2012 - April/2012

- Conducted demonstrations of newly developed web application features in department meetings
- Used C# and Visual Studios to develop unit tests for MVC application
- Developed client and server side validation, used custom DataAnnotations
- Created Views for interactive multi page user form using CSHTML, JQuery and CSS
- Participated in Scrum meetings and weekly project planning sessions

**Software Developer**, Blackberry, Waterloo, Ontario, May/2011 - August/2011

- Added user input validations and implemented the MVC design pattern to web applications using Tomcat; used Java EE
- Applied Hibernate framework to implement data mapping for existing web applications
- Wrote test case documents for existing web applications and submitted the documents to senior tester for feedback and approval
- Used Perforce as revision control system

**Web Developer and Content Co-ordinator**, Bank of Montreal, Toronto, Ontario, August/2010 - January/2011

- Presented completed projects to audiences of ten or more individuals
- Communicated with different departments in order to effectively plan new projects
- Designed and debugged dynamic web pages that included JavaScript and JQuery elements
- Used Microsoft SharePoint to design workflows that optimized usability of many of the intranet web pages
- Created bash scripts to automate conversion of code from HTML to XHTML on all existing web pages

**Systems Analyst**, City of Waterloo, Waterloo, Ontario, January/2010 - April/2010

- Improved existing windows applications by using XML files to provide a "dynamic report field" option for the Crystal Reports
- Worked with a team to design windows applications; built ASP.NET applications using Visual Studio
- Used SQL to manipulate data in the Oracle database
- Wrote technical documents that included UML Diagrams; used Microsoft Visio