Karan Randhawa

82 Song Meadoway, North York, ON M2H 2T7
Phone: (647) 504-1720
Email: karan-randhawa@outlook.com
LinkedIn: linkedin.com/in/karanrandhawa
GitHub: github.com/karan-randhawa

OBJECTIVE

To obtain a position in a dynamic IT organization where my knowledge and experience can be fully utilized

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PROFILE

- Highly detail-oriented and self-motivated
- Strong problem-solving, organizational and leadership skills
- Proficient with several Object-Oriented Software development techniques
- Excellent communication skills; fluent in Hindi
- Optimistic about challenges and their outcomes

TECHNICAL SKILLS

- **Machine Level/Mobile**: .NET Framework (C#, V.NET, Universal Windows), C++, Java, Android Application Development, Bash Shell Scripting (Unix)
- **Web Development**: ASP.NET MVC, AngularJS, JavaScript (with jQuery, AJAX), PHP, HTML5, CSS, Bootstrap
- **Databases**: MySQL, Microsoft SQL, Oracle SQL (with PL-SQL)
- **Methodologies**: Object-Oriented Development, Software Development Life Cycle, Agile Software Development, Unified Modelling Language, Design Patterns in UML, Data Structures & Algorithms
- **Tools/Environments**: Visual Studio 2015/2017, Android Studio, Eclipse, Git, StarUML

EDUCATION

Honours Bachelor of Technology Program – Software Development   2015 - Present
Seneca College, Toronto

Higher Secondary Education – Computer Science   2012 - 2014
Jai Hind College, Mumbai

WORK EXPERIENCE

Software Developer   January 2018 - Present
J-SAS Inc. Software & Services
- Developed software that meets client requirements, by constantly addressing issues and newly required features.
- Performed deployments to various QA and UAT environments as per the instructions of the project manager.
- Designed a Windows application to migrate existing users from one component of the project to another, which saved the team hours of exporting data to the destination.

WORK EXPERIENCE (continued)

Research Assistant   May 2017 – December 2017
Applied Research & Innovation – Seneca College

- Delivered a software solution to the client, which aimed at monitoring and detecting abnormal computing-resource utilization on Windows computers.
- Analyzed client requirements with the project manager and designed a software architecture which best suited the needs and specifications set by the client.
- Performed constant deployments and testing of each major component on the test environment provided by the client, to fully understand the internal functioning of each application, as well as to ensure the product is error-free.

VOLUNTEER EXPERIENCE

Student Mentoring in Life and Education (SMILE) – Seneca College   September 2015 - August 2016
- Helped first-semester students have a smooth transition to college-life
- Created a comfortable and friendly environment for the matched protégé

Seneca College Open House   November 2017
- Contributed to the project management team by giving in-depth information on the Applied Research & Innovation centre at Seneca College, to all visitors who seemed interested.
- Helped visitors understand how Seneca College's ARI helps students and IT professionals build a foundation to their careers.

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ACADEMIC PROJECTS
Object-Oriented Software Development using Java   April 2016
- Developed a Banking Application in Java that was used to create Bank accounts and carry out several banking transactions
- Demonstrated an interaction between a Server-application and numerous Client-applications using Remote Method Invocation (RMI), socket connections and multithreading

Web Programming on Windows using C# in ASP.NET MVC   March 2016
- Built a Web Application for Cricket followers that gives them more information and statistics on their favorite teams and players
- Implemented a robust search system that works using pure JavaScript and AJAX to retrieve search-results for teams or players

ACTIVITIES AND HONOURS

- Skillfully mentored five first-semester students for three consecutive semesters
- Featured on the President's Honour List for the Winter 2016 semester
- Chosen as the Renewable Scholarship Awardee for three consecutive years from Seneca College Financial Aid, for excellence in High School academics