

Dhivo Gnanaratnam

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SUMMARY OF QUALIFICATIONS

- Programming Languages: C#, Java, JavaScript, HTML, CSS
- Frameworks: Angular, jQuery, React, ASP.NET (MVC)
- Tools: Kibana, Fiddler, Advanced Rest Client, Git, SVN
- Strong database experience using SQL and NHibernate
- Developed next-gen survey web application, Sparq2
- Experience with game development using Unity3D and JavaScript

WORK EXPERIENCE

Software Developer, Vision Critical, Vancouver, BC **Jan/2015-Dec/2015**

- Full stack development for survey web application used by HBO for client analytical data
- Feature owner for authentication functionality of application
- Increased application performance by optimizing queries, and reducing payloads
- Developed share functionality, export functionality and error handling
- Developed a modular command-line tool Tenant Data Transfer Tool, capable of migrating large amounts of data between data centers

Web Developer, Complice, Kitchener, ON **Jun/2014**

- Developed goal-tracking web application using Node and MongoDB
- Developed accountability feature resulting in increase in user interaction

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Mechanical Designer, Grobo, Kitchener, ON **May/2014**

- Designed multiple parts for Grobo's indoor gardening system using SolidWorks
- Developed water pumps that were optimal for product design and inject molding
- Reduced product manufacturing cost by modifying indoor gardening system

EDUCATION

University of Waterloo, Waterloo, ON **Jan/2016-Present**

- Candidate for the Degree of Bachelor of Applied Science
- 1B Computer Engineering Co-op Program

Additional Information

- **Air Cadet Parade Commander:** Led a squadron of 150 cadets in military parades
- **Robotics Team Captain:** Led a large team to create a robot for the FIRST robotics competition, capable of sorting objects based on colour
- **Award Recipient:** President's Scholarship of Distinction, Focus on Information Technology Certificate – Excellence in Computer Science