

GANANESH

Computer Applications Development Post-Grad Diploma

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Skills

- Software:** C#, ASP.NET, Python, SQL, HTML, CSS, JavaScript, Git
- Concepts:** MVC, Relational Databases, Agile & Scrum, Object Oriented Programming, SDLC

Education

Conestoga College, Computer Applications Development - Post-Graduate Degree (GPA: 4.0) **Sept 2018 – April 2019**
• **Courses:** Software Development in C#, Microsoft Technologies in ASP.NET, Database Management in SQL, Web Design

University of Waterloo, Accounting & Financial Management - Bachelor's Degree (GPA: 3.30) **Sept 2013 – April 2018**

Employment

Data Operations Analyst **Fleet Complete** **June 2019 – Present**
• Migrated customer and billing data from various legacy systems within SQL into Microsoft Dynamics 365's CRM and FNO systems through data development, testing and debugging in all 3 environments for more than 10 countries over many months
• Completed various C# and Python-related ad hoc tasks pertaining to automation of data translation and data analytics
• Utilized Azure DevOps, SharePoint and ServiceNow to complete work items pertaining to internal data management

Application Developer **Manulife Financial** **Aug 2017 – Dec 2017**
• Developed back-end enhancements for Salesforce CRM in its proprietary language Apex (like Java): ex. allowing the application to record user-feedback from Manulife clients when completing online forms for investment & insurance purposes
• Designed prototypes of Manulife's customer-facing webpages and additional features using ASP.NET and C#
• Automated Python scripts to collect Customer Feedback to be translated to Excel; sent to business for continued improvement

Technology Analyst **Royal Bank of Canada** **Jan 2017 – Apr 2017**
eStatements Initiative ([rbcroyalbank.com/credit-cards/cardholders/estatemnts.html](https://www.rbcroyalbank.com/credit-cards/cardholders/estatemnts.html)): revised webpage for enrolling to eStatements
• Developed a user-friendly credit card webpage which incentivized close to 900,000 clients to switch to eStatements in 2018 through the utilization of C#, ASP.NET, JavaScript, HTML/CSS; reducing the process of 7 steps to a mere 2 step process
• Leveraged best practices and improved internal processes in data collection by utilizing queries in SQL and populating Microsoft Excel sheets through automated scripts in Python; made the process of pulling monthly reports 55% efficient

QA Analyst **Ontario Teachers' Pension Plan** **Jan 2016 – Apr 2016**
• Created manual and automated user acceptance testing of Java scripts to implement a \$25M cloud upgrade for ServiceNow
• Managed the Scrum Board for daily stand-ups and assisted Sprint meetings for the assignment of story-points within Agile
• Diagnosed, debugged and tested issues by improving the automation of existing scripts within Java and Python

Software Projects

Personal Website: <https://gganesh.github.io/portfolio/> (for additional information)

Textbook Rental Web Application

- Developed a web application using ASP.NET Core and C# that allows users to sell/rent used textbooks
- Integrated SQL server, which will allow users to effortlessly store textbook details and student login info
- Implemented search and login functionality to easily search and save textbooks to your liking
- **Utilized:** C#, ASP.NET Core MVC, Bootstrap, JavaScript, HTML, CSS, SQL

Present Value Calculator

- Developed a WPF application using C#, that allows users to calculate the present value using input and sliders
- Using MVVM, the calculator has sliders for Future Value (FV), Interest Rate (IR) and # of Years divided by annual, quarterly, monthly and daily radio buttons, which can easily calculate the Present Value (PV)
- **Utilized:** Windows Presentation Foundation (WPF), C#, MVVM (Model-View, View-Model)

Indeed 2.0 (Mini Jobsite)

- Developed a web application using PHP that allows users to post job listings; cannot be changed unless logged in
- Integrated MySQL server, allows users to effortlessly add, modify and delete job details using authentication
- Using PHP sessions and use of login system, it prevents users from changing sensitive information
- **Utilized:** PHP, Bootstrap, JavaScript, jQuery, HTML, CSS, MySQL