SATCHEL CATRAL

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Languages and Technologies

Languages
Proficient: C#, Java, Python, JavaScript, C/C++
Familiar with: SQL, Powershell, Go, HTML/CSS

Frameworks
.NET, .NET Core, NodeJS, React

Tools
Git, Microsoft Visual Studio/Code, Microstrategy, Linux, Amazon EC2, Amazon S3, Amazon RDS, AWS CodeDeploy, AWS CloudFormation

Relevant Experience

Software Engineering Associate   05/2019 to 08/2019
SPS Commerce Canada Ltd. – Brampton, ON
- Created scripts in **Powershell** to automate the startup of **Microstrategy** web servers and intelligence servers
- Built and maintained build and deployment pipelines in **Azure DevOps** for internal services interconnected with the customer portal
- Migrated a legacy **WCF** application to a **.NET Core** Web API, allowing for better performance and cross-platform support
- Contributed ideas and suggestions inside and outside of team meetings with Software Engineering Leads and Principals and delivered updates on designs and enhancements

Software Engineering Associate   05/2018 to 12/2018
SPS Commerce Canada Ltd. – Brampton, ON
- Worked in a team that follows **Agile** methodologies and ceremonies, including sprint planning, review and retrospective, grooming, and daily scrums
- Maintained existing applications by updating frameworks, fixing customer-facing bugs, and adding new features to improve customer experience
- Implemented health checks that can be monitored in **LogicMonitor** and helps developers debug the customer portal
- Developed object-oriented software in **.NET** and **.NET Core**, including the customer portal for use in business analytics
- Orchestrated efficient software deployments, including testing features and correcting code utilizing **Azure Dev Ops** and **AWS CodeDeploy**

Software Engineering In Test   09/2017 to 12/2017
Finastra – Mississauga, ON
- Utilizing **Agile** methods, worked closely with product owners to get feedback and ensure customer satisfaction
- Designed automated accessibility tests utilizing **SpecFlow** integrated in the **Visual Studio** IDE
- Gathered test data using **SQL Server Management Studio** and stored relevent data in **Microsoft Excel**
- Created web API tests in **Postman** and automated them using the collection runner
- Utilized Google's dev tool, **Lighthouse**, to identify problems with accessibility with the web application the team was building

C# / VB.NET Desktop Financial Software Developer   01/2017 to 04/2017
Softek Computer Services Inc – Mississauga, Ontario
- Utilized Microsoft Visual Studio with **C#** for its accessibility and its TFS source control
- Built, tested and deployed new software to replace an internal legacy product
- Communicated with co-workers to discover and fix bugs and to ensure new software was properly implemented

Education

Bachelor of Applied Sciences: Computer Engineering
University of Waterloo - Waterloo, Ontario

High School Diploma
St. Joan of Arc Catholic Secondary School - Mississauga, Ontario
- Outstanding Achievement Award - highest mark in Computer Science
- School Champion for the Waterloo Pascal, Cayley, and Fermat math Contests from 2013 to 2015
- Honour Roll Student from 2013 to 2016

Certifications

- YMCA Camp Pine Crest SHSM Certificate for Customer Service, Leadership, and Conflict Resolution
- Focus on Information Technology (FIT) Certification in Microsoft Office
- Passport to Workplace Safety - Teen Challenge Certification
- Worker Health and Safety Awareness Certification

Interests

- Music, watching movies and television, camping, swimming, reading, travelling