JAY SHAH

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TECHNICAL SKILLS

Languages & Frameworks	C, C++, JavaScript, Python, C#, HTML, CSS, SQL, Node.JS, Express, React, BootStrap
Database Technology	IBM iSeries Access, Oracle, MongoDB, Microsoft SQL Server
Tools	Git, Postman, Selenium, ASP.NET, Microsoft Azure DevOps

EXPERIENCE

Coop Student   January 2020 - September 2020
City of Vaughan   Vaughan, Ontario
- Developed and maintained custom solutions for day-to-day City Hall employee responsibilities using varying technologies such as ASP.NET, Microsoft PowerPlatform (including PowerApps and PowerBI), Microsoft SharePoint
- Wrote clean, commented, easy to read code along with effective and detailed documentation
- Decreased testing time of multiple projects by 50% on average by creating automated tests using Selenium WebDriver and Microsoft Azure services to host and deploy projects with said tests

IT Consultant   July 2017 – March 2018
ABS Information Systems   Toronto, Ontario
- Dismantled and assembled approximately 150 workstations for large Canadian Financial Institutions
- Set up necessary software and training materials required by clients for employee on-boarding
- Provided network support and repairs for client workstations

EDUCATION

Computer Programming, Diploma   2018 - 2021
Seneca College - Toronto, Ontario

Psychology, Bachelor of Applied Sciences and General Arts and Sciences Diploma   2014 - 2018
University of Guelph-Humber - Toronto, Ontario

PROJECTS

Test Creator
- Python program that allows users to create tests quickly and easily for educational purposes (i.e. a schoolteacher making a French test)
- Program supports 3 question types (true/false, fill in the blanks, multiple choice) and automatically formats user input and choices using Python-docx library to successfully reduce time to create tests

Ontario Schools COVID-19 Twitter Bot and Website
- Python bot that tweets out daily numbers of COVID-19 cases in Ontario public schools as reported by the Ministry of Education as well as weekly charts to show progression of virus spread within school populations
- Uses Tweepy Python library to access Twitter API allowing for correct formatting and publishing of tweets and Ontario's data API to retrieve relevant data
- Accompanied by React website to display a dashboard of up-to-date information regarding COVID-19 cases in Ontario public schools: https://ontarioschoolscovid.com/

Activity Tracker Website
- Website created using MERN stack allowing users to register, login, and track various activities for any given day
- Uses JWT for authentication to allow for correct data to be displayed to corresponding user
- Allows users to perform CRUD tasks on all aspects of their activity data