Peter Gituma

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HIGHLIGHTS OF QUALIFICATION

- Experience with Front/Backend web development, Microsoft Azure, AWS & database management technologies.
- Demonstrated motivation and passion to consistently acquire a wide range of fresh ideas and technologies
- Took a critical stance and worked through challenging issues to identify the optimal answer
- Ability to adjust and manage time under pressure to meet deadlines and targets
- Collaborated in weekly scrum meetings with other Go Cloud DevOps Analysts to tackle weekly tasks and provide solutions.

EDUCATION

Seneca Polytechnic - Canada, Toronto

Honours Bachelor of Technology – **Software Development (BSD)** – Graduating Oct 2024

Relevant Coursework: Computer Principles, Linux, Programming using C, Object-oriented programming using C++, Database systems, Software Analysis and Design, Web ProgrammingTools and Frameworks, Data Structures and Algorithms, Mobile Application using Android Studio, Mobile Applications, Mobile Robotics Software Design, Cloud Computing for Programmers, Python for Programmers, System Design Principles, Design patterns UML, Parallel Algorithms, and Project planning Management

EXPERIENCE

Full Stack Web Developer Co-Op | Jan 2024 – Aug 2024

Infrastructure Technology Services, Ministry of Public and Business Service Delivery and Procurement

- Led scrum meetings to ensure alignment and timely completion of weekly tasks
- Collaborated on multiple projects using the Feature Branch Workflow, effectively managing push and pull requests to maintain code quality
- Managed code changes and optimized continuous integration pipelines using Azure DevOps
- Developed REST APIs by implementing Microsoft Graphs and GitHub CLIs, ensuring seamless data integration and management across Azure platforms.
- Integrated advanced Security Enablement features using MS Azure and GitHub, enhancing the security framework of the projects.
- Spearheaded the planning and implementation of the OPS Job Bot for the OPS Hackathon 2024, using Microsoft Power Apps and Power Pages, resulting in a top 5 placement.
- Initiated, organized, and hosted bi-weekly virtual sessions, collaborating with leadership to promote and support the initiative.
- Migrated legacy applications from .NET 4.6.2 to .NET Core 8, enhancing performance, security, and scalability.

Mbele.io & Dancelogue, Intern Toronto, Ontario| Jan 2023 – Aug 2023
- Independently maintained both the Front End and Backend of websites and apps, ensuring consistent functionality and performance.
- Conducted and created tests for quality assurance, improving overall product reliability.

TECHNICAL SKILLS
- **Programming Languages:** C, C++, C#, Python, JavaScript, Java,TypeScript
- **Database Management:** Oracle 12c, PostgreSQL, MongoDB, SMMS, MySQL, MySQL WorkBench
- **Design, Cloud computing platform, IDE Tools:** MS VS Code, MS Visual Studio, Eclipse, Cyclic, Vercel, GitHub, Visual Paradigm, Microsoft Azure, Azure DevOps, MS App, Android Studio
- **Web Development:** Css3, HTML5, JSON, NodeJS, Express.js, jQuery, React, Git, NextJS, Expo, Bootstrap 5, ASP.NET MVC, CI/CD

TECHNICAL PROJECTS
ITS Federated Health Hockey Playoff Pool (React, NodeJS, MySQL)
- Redesigned the majority of the UI for the website using React and NodeJS
- Used Google's Firebase platform for authentication and MySQL for its database
- Implemented multiple functionalities and fixed bugs that prevented the website from working efficiently
- Website link: http://fedhealthhockeypool.com/

Portfolio Website(HTML, CSS, JavaScript, React)
- Built a responsive portfolio website using modern web development tools and hosted it on Vercel
- Implemented features to showcase multiple projects and provide a brief description of myself
- Website link:https://my-portfolio-lj7ijrrxp-petergituma.vercel.app/

Secure Password Management Software (with Malware under the hood)
- Developed a Python-based password management program utilizing socket server, daemon, and clients
- Focused on enhancing user account security reducing the risk of unauthorized access
- GitHub Repo(Note I won't be authorized):https://github.com/PeterGituma/6

Capstone project using Reactive Native
- Created a web and mobile application that will help the user live a healthier life
- The application will encourage the user to exercise and help track their progress
- The app had many features such as Profile, planning, exercise, counting calories and tracking user weight
- GitHub Repo(Note I won't be authorized): https://github.com/SenecaCollegeCapstoneProject2021-2022/Group12