Frederick Tetteh

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EDUCATION

Bachelor of Commerce Honors, Degree (Accounting)	Ontario Tech University | Graduated
Bachelor of Engineering Honors, Degree (Software Engineering)	Ontario Tech University | Graduated
IBM Security Analyst	IBM | Oct 2023 - Jan 2024

PROFESSIONAL EXPERIENCE

Technical Assistant, *Ontario Tech University*   Oshawa, ON **|** May 2022 – April 2023
- Managed the design studio supervising students and assisting with any troubleshooting issues related to handling equipment
- Generated an SQL script in SQL Server Express to allow for automated backups for smaller size databases that increased efficiency by 11%.
- Developed and utilized a shell script to automate the installation package management process for TurtleBots, streamlining and optimizing the setup procedure.
- Implemented shell scripting in order to automate installing turtlebot packages.
- Resolved various network connectivity issues in linux resulting in proper network performance.

Software Developer, *N-Garden*   Oshawa, ON \| Dec 2021 – April 2022
- Conducted regular data quality checks and performed necessary data cleaning and normalization procedures to ensure data accuracy and consistency.
- Utilized Python scripts to troubleshoot and resolve database-related issues, ensuring uninterrupted access to plant inventory data for the sales and customer service teams.

Project Coordinator, *Guardian Van Lines (City of Toronto)*   Toronto, ON \| June 2021 – April 2022
- Mapped out the blueprints in compliance with COVID related guidelines to ensure city workers knew which rooms and facilities were still accessible.
- Facilitated discussions by encouraging open dialogue, managing time effectively, and steering the conversation towards achieving the meeting's goals.

TECHNICAL SKILLS

Languages: Python, Java, C++, C#, HTML, CSS, JavaScript, SQL, PHP, Terraform, TypeScript,Bash
Testing: JUNIT, Selenium, Pytest, Jenkins
Frameworks: React.Js, Angular.js, Flask, Django, Node.js, Flutter, .Net Framework, SQL Server, MongoDB, PostgreSQL,
Cloud Based Skills: Google Cloud Platform, Azure, Kubernetes, HDFS, Docker, Apache Spark, AWS
Additional Skills: Software Design Patterns, Software Architecture, GitHub, Data Structures, Unit Testing

PROJECTS

Capstone Project *React.JS, Django* *https://www.youtube.com/watch?v=omqBcaMNSy4*
- Utilized task management software like trello and google jamboard in order mange the flow of the application
- Demonstrated our problem-solving ability by adding an additional functionality to match specific key qualifications to a future role.
- Developed a resume parsing algorithm to handle over 500 resumes to be filtered.
- Enabled a resume job matching function to decrease job searching time for job seekers by 11%.

FitForm *React.Js Flask*
- Utilized the agile approach during the software development life cycle to create a working prototype more frequently.
- Developed a recommendation functionality decreasing the time users need to create their own workout plans by 21%.
- Designed API endpoints to store and retrieve workout plans for the user.
- Integrated software testing using Selenium in order to ensure proper functionality.