Toronto, ON

(416) 451 9790

abdullahshamskhan@gmail.com

ABDULLAH S. KHAN
SOFTWARE ENGINEER

Linkedin: /abdullahskhan
Github: /akhan445
Website: www.abdullahkhan.io

EMPLOYMENT EXPERIENCE

KPMG LLP, Remote/Toronto, ON   *Software Developer*   **November 2022 – November 2023**

- **Successfully integrated 100+ applications** into a large bank's infrastructure, resolving discrepancies and completing the project **15% ahead of schedule**, ensuring smooth onboarding and exceeding client expectations.
- **Led a team of developers** through agile cycle (from planning to retrospective), delivering a prototype within a **4-week sprint**, improving report generation efficiency by **60-80%** while incorporating detailed data visualizations.
- **Developed a custom automation software using Python** that generated security analysis reports in PowerPoint with integrated data insights, cutting down report preparation time by **at least 2-3 days**, leading to significant interest from internal stakeholders and future development.

PeerSupport.io, Remote/Toronto, ON   *Software Engineer Intern*   **February 2022 – April 2022**

- Contributed through **developing full-stack features** for a web application using **React, Node/Express, and PostgreSQL, following REST principles** and delivering high-quality code within tight sprint deadlines.
- **Collaborated in an Agile sprint team** to implement both **front-end and back-end features**, testing and debugging the application, leading to improved system performance and enhanced functionality.

eWorx, Remote/Toronto, ON   *Software Engineer Intern (Backend)*   **February 2022 – April 2022**

- Produced backend features for a multi-platform eCommerce integrator, **securely integrating third-party APIs** using Node and Express, ensuring seamless data synchronization with the application database.
- Optimized API integration for eCommerce platforms by dynamically reorganizing data to merge with the application's MySQL database, improving system efficiency and ensuring smooth functionality within tight sprint deadlines.
- **Contributed to architectural decisions** for a MySQL relational database, improving the application's efficiency and cost-effectiveness by selecting optimal data structures and algorithms while maintaining high code quality.

Behaivior, Remote/Toronto, ON   *Software Engineer Intern*   **February 2022 – March 2022**

- **Worked closely with the CTO** to refactor and streamline the data flow in a large-scale application build with Typescript replacing inefficient implementation, improving operational efficiency of application through making the **code more modular, efficient, and maintainable..**
- **Reduced database calls by 30-40%** through centralizing NoSQL database calls optimizing sharing resource usage within application, **ultimately improving resource utilization and reducing backend database costs.**

Romh's Educational Services, Remote   *Full Stack Engineer*   **February 2022 – April 2022**

- **Solely developed and delivered** a fully functional web application within a tight **6-month deadline, digitizing over 50% key business processes** reducing manual workload for a tutoring company.
- **Designed and implemented a custom, scalable web solution using SOLID principles and WordPress API**, streamlining business operations and increasing the company's value by automating services online, while ensuring the application could be easily maintained by non-technical users.

London Hydro, London, ON   *Software Developer Co-op*   **February 2022 – April 2022**

- Expedited data collection for extracting and analyzing fragmented smart meter data from various APIs using **Python**, creating detailed reports, which contributed to the development of key software feature offerings.
- **Created visually appealing reports** with data insights, which were later presented to clients and management, **which impressed stakeholders and led to further development projects.**
- **Formulated custom solutions** creating detailed reports and real-time data visualization dashboards using SQL and Tableau for senior management, which contributed to key business intelligence decisions.

EDUCATION

Lighthouse Labs   **October 2021 – January 2022**
Full Stack Web Developer Diploma   *Remote/Toronto, ON*

Western University   **September 2010 – April 2019**
Bachelor of Science – Specialization in Computer Science   *London, ON*

- *Coursework:* Data Structures and Algorithms, Operating Systems, Databases, Artificial Intelligence, Software Engineering Foundations, Statistics, Object Oriented Design, Computer Architecture, Networking.

Bachelor of Management and Organizational Studies

TECHNICAL SKILLS

Programming: Python, Java, JavaScript, TypeScript, C, HTML, CSS, SQL
Libraries, Frameworks, Technologies: Express, Rails, React, Command Line/Shell, Git, Amazon Web Services (AWS), Google Cloud Platform (GCP)
Certifications: Microsoft Security, Compliance, and Identity Fundamentals (SC-900), Trained Python Instructor (KPMG)
Soft Skills: Self-starter, Problem Solving, Growth Oriented, Teamwork and Collaboration, Communication Skills