Zulfiqar Ali Khan

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Software Engineer

Bringing knowledge, enthusiasm, and problem-solving skills

Qualifications:

- **Proficient in many programming languages:** Proficient in Java and Python, and well-versed in JavaScript, C#, C, C++, Assembly, Verilog. Extensive knowledge with Linux and the command-line/terminal. Proficient with HTML and CSS. Always interested in learning new languages. Very quick to pick them up and become well-versed in them.

- **Understanding of key concepts:** Has a thorough understanding of using REST APIs, especially with spring boot, networking, Docker, SQL databases such as MySQL, Oracle, MSSQL, etc. and NoSQL databases such as firebase, and version control systems such as git.

- **Can communicate effectively and clearly:** Able to speak to others confidently and clearly, ensuring that they understand every word to effectively help them even if they may not know very much about the topic at hand.

- **Results Driven:** Always pushes for better results and is motivated to provide the best results possible at all times.

- **Team player:** Comfortable with working efficiently in teams. Loves to combine ideas with others to create the best final product possible. Also comfortable with collaboration on projects through means such as GitHub.

- **Problem solver:** Able to use a wide range of knowledge including technological knowledge, mathematical knowledge, regular troubleshooting knowledge, and such to devise a plan to solve problems.

- **Wide range of knowledge in technology and computers:** Has worked with computers and mobile devices from a very young age. Expert in all computer software, and able to perform IT tasks. Extensive knowledge with networking.

- **Quick and willing learner:** Loves learning and is quick to pick things up, including new programming languages.

PROJECTS (Can be found on zulfiqark.com)

- **Java** Todo-list command line interface using Apache Commons, along with a frontend written using ElectronJS to create a desktop app.

- **Python** Blackjack app made using Tkinter. Fully functioning blackjack app, including bets.

- (ongoing) **C#** object oriented social media platform. Currently fully implements user logins, posts, likes, comments, replies, and notifications.

EDUCATION & CREDENTIALS

SCOTIABANK, *Toronto, Ontario* (September 2024 – present)

- Software Engineering intern at Scotiabank
- Implemented Python scripts to automate processes and save the organization money
- Created production level Java services for spring boot APIs

YORK UNIVERSITY, *Toronto, Ontario*

Hons. BA Computer Science (September 2023 – present)
- Currently pursuing Computer Science degree

BIRCHMOUNT PARK COLLEGIATE INSTITUTE, *Scarborough, Ontario*

High School Diploma attained in 2023

Extracurricular Activities
- Have projects to show proficiency in programming languages (see my website, www.zulfiqark.com)
- Took part in University of Waterloo Computer Competition
- Have built dozens of personal computers from scratch
- Have built a local area network system in my home including servers, furthering my knowledge in computer networking

INTERESTS & HOBBIES

- Learning
- Technology of both the present and future
- Cyber Security
- Team sports such as Soccer and Baseball
- Interacting and helping others
- Team-based video games