ALY KHAN BAROLIA

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Objective

I graduated in August 2019 from Carleton University, Ottawa with a bachelor's degree in Software Engineering. Though my working years, I have gained extensive knowledge and experience in Java, HTML/CSS, Python, Spring Boot and JavaScript. I am looking for a position in software engineering to use my knowledge & skills to further enhance my professional career.

Education

Bachelor of Software Engineering, Carleton University, Ottawa   Sept. 2015 – Aug. 2019

Certifications

- Oracle Certified Professional Java Programmer – October 2019 [verify]

- Oracle Certified Associate Java Programmer – August 2019 [verify]

- Certified Entry-Level Python Programmer – January 2021 [verify]

Skills & Abilities

- Java
- Spring Boot
- Embedded Programming
- Python
- HTML & CSS
- C/C++
- Maven
- SQL
- AngularJS

Projects Handled

- **Automated Email Service for Certification/License Renewal**   Sept. 2020 – Oct. 2020
  - Created an automated email service that would be used by TELUS to notify when a certification or license was about to expire. The use of Java POI libraries and JavaMail API, I was able to send custom TELUS templated email notifications 30, 60 and 90 days before the expiry date

- **Carleton Portal - Spring Boot Project**   Nov. 2018 – March 2019
  - Created an application that used Maven, Spring Boot, XML and HTML pages and were deployed on the local host and through Heroku to simulate the Carleton Portal website used by its university students
  - Features included file uploading, adding courses, applying for courses, different logging credentials and permissions based on the user's role (i.e., Administrator, Professor, Student)

- **TFTP – File Transfer System**   Dec. 2017 – March 2018
  - Use of Java libraries to send files in the form of data packets from Client-side and Server-side via Threads - All packets are sent through an error handler to ensure the reliable and safe delivery of packets available

Employment History

- **CIBC | Software Engineer | Full-time**   Jan 2022 - Present

- **Scotiabank | Software Engineer | Contract-based**   May 2021 – Jan 2022
  - Created MQ connections between existing and new Scotiabank channels to their core system to allow seamless message transfers in real time.
  - Helped creating API's and programs to support Scotiabank's legacy system and migrate important resources and assets to the development of their modern system.
  - Created diagrams and define actions and events based on messages received or sent from the Message Queue to FTM.

- **TELUS | Automation Engineer | Contract-based**   Jan 2020 – May 2021
  - Built and deployed an automated tool that allows TELUS employees to run usage or test price plans on any telecommunication device. Usually, this process would usually take hours to complete, but with this tool it allows my colleagues to run and test usage generation within minutes improving the turnaround time by more than 200%
  - Addressed bottlenecks in application performance by enhancing the use of threads and UI technology; improved runtime efficiency by 20%

- **Zenith System Solutions | Software Developer | Full-time**   Jan 2020 – May 2021
  - Helped design and create a common software core named BuildX. This application helps keep uniformity between all Zenith's applications user interfaces.
  - Uses AngularJS to perform complex functions with simple clicks from the user allowing them to deploy their application with ease using BuildX while meeting company formatting standards.

Highlights

Organized and resourceful with a range of skills
Reliable and adaptable, learn new systems quickly
Skilled in working collaboratively and under pressure meeting deadlines

References

Available from University professors and past employers upon request