Shah Syed

SOFTWARE DEVELOPER

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Summary

Backend developer with expertise in Java. Currently experimenting with Go, and Rust.

Born and raised in Toronto, I hold a Bachelor of Science, Computer Science from Ryerson University.

I'm passionate about solving the next complex problem - currently looking at how I can make my city a better place!

My current hobbies include music production, soldering electronics, and cooking.

Work Experience

priceline
Toronto, Canada

SOFTWARE DEVELOPER · *June 2019 - Present*

- Rebuilt and designed greenfield microservices architecture for decommissioning 20 year old legacy flight platform
- Working with GDS, Aggregator, Consolidator and Direct Airline vendors to design stateless orchestration for microservices framework
- Implementing microservices design patterns, utilizing APM and SIEM software to provide instrumentation
- Researching, analysing, and refactoring existing architecture for process optimization
- Notable contributions include GCP migration of on-prem applications, designed caching service using GCP Memorystore, consistently enhancing documentation for developers, project managers, and product owners

TD Bank - Mobile Services
Toronto, Canada

SOFTWARE DEVELOPER · *Jul. 2016 - May 2019*

- Implemented microservices design patterns to enhance backend for TD mobile app used by 4.3 million customers
- Focused on understanding various security patterns, following SSDLC, and understanding how technology organization operates
- Organized and participated in various sub-committees responsible for lunch & learns, group learning, and co-op mentorship
- Notable contributions included solving bugs around TouchID, implementing security pattern POC for hybrid cloud infrastructure

Nielsen
Markham, Canada

SOFTWARE DEVELOPER (CONTRACT) · *Aug. 2015 - Dec. 2015*

- Developed software allowing analysis of sales data for multiple chain retailer stores
- Mentored co-op students and helped team transition to Agile Development

Ryerson University
Toronto, Canada

SOFTWARE DEVELOPER (CONTRACT) · *Sep. 2012 - Apr. 2014*

- Assisted in software development of inclusive & interactive multimodal entertainment system
- Created PoC software enabling tactile interpretations of audio and video content
- Maintained the FEAS website for Ryerson University
- Solved any problems related to the front-end design, & back-end changes of the site

Awards & Honours

TD Bank

Oct. 2018 **TD Bank Financial Group**, Runner Up Winner of TD Elevate Hackathon		*Toronto, Canada*
Feb. 2017 **TD Bank Financial Group**, 1st Place Winner of TD ThinkDigital Tech Jam		*Toronto, Canada*

Post Secondary School

Apr. 2015 **Ryerson University**, Dennis Mock Student Leadership Award		*Toronto, Canada*
Sep. 2014 **Ryerson University**, Canada Study Grant, Ontario Access Grant		*Toronto, Canada*
Sep. 2009 **Ryerson University**, Ryerson University Entrance Scholarship		*Toronto, Canada*

Technical Skills ————————————————————————————

Programming Languages

SYSTEM LANGUAGES

- Java, Go, Rust

CLOUD INFRA AND WEB-BASED FRAMEWORKS

- GCP, Docker, Kubernetes, JavaScript, Bootstrap 4, Angular 5, Node.js

DATABASE

- OracleDB, Microsoft SQL, MySQL

Software

VERSION CONTROL SYSTEMS

- Git, Mercurial, CVS, SVN, TFS

MISCELLANEOUS

- Splunk, NewRelic, PagerDuty, Spring Webflux, Kafka, Mac OS X, Bamboo, Confluence, JIRA, Windows, Adobe CC, Debian Linux, LaTeX

Education ————————————————————————————

Ryerson University
Toronto, Canada

BSc IN COMPUTER SCIENCE
Sep. 2009 - Jun. 2015

- Interests in Data Science, Human Computer Interaction, and Information Retrieval
- Program accredited by Canada's Association of I.T Professionals

Volunteer Experience ————————————————————————————

Women Who Code Toronto
Toronto, Canada

ALLY
Oct 2018 - Present

- As an ally, I advocate for an inclusive industry, and inspire women to excel in their technology careers
- Attend events, engage in community, provide mentorship and answer questions on community website

Mozilla Firefox
Toronto, Canada

OPEN SOURCE CONTRIBUTOR
May 2018 - Present

- Contributing to the Mozilla Firefox codebase, participating in the implementation, testing, and code review of bugfixes
- Notable contributions include mobile accessibility fixes, mobile UX performance enhancement for reader mode

Ryerson Hack Your Future
Toronto, Canada

VOLUNTEER INSTRUCTOR AND ORGANIZER
Jul. 2017 - Dec. 2018

- As a lead instructor and TA for volunteer organization, I provided training for refugees to become software developers
- Notable contributions include getting business sponsorship, worked with non-profit organization liaison, created and provided lessons, assignments, and additional resources

Competitive Programming Club (CPC)
Ryerson University

CLUB COACH
Jan. 2013 - Dec. 2017

- As a club member, I learned and practised algorithm-based programming problems based on time constraints
- As CPC coach, I helped coordinate lectures based off reading material, and coached students with respects to CP3 syllabus and ICPC competition

Computer Science Course Union (CSCU)
Ryerson University

VP COMMUNICATIONS
Apr. 2014 - Sep. 2015

- Acted as a liaison and representative between all students and CSCU members
- Helped push initiatives to promote social activities and learning for CSCU members and students