

# Muhammad Ali (Moe)

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## Skills & Abilities

**Project Management** - JIRA/CONFLUENCE, ASANA, AGILE, SCRUM, TABLEAU, POWERBI, UI/UX DESIGN, DATA ANALYTICS, SHAREPOINT, TRELLO, VISIO, RACI

**Coding & Markup Languages** - SQL, R, JAVA, JAVASCRIPT, CSS, HTML, TYPESCRIPT, PYTHON, C#, C, C++, BASH, HASKELL, DART, VERILOG, RUBY, ARDUINO, PERL

**Concepts, Libraries and Frameworks** - REACT, FLUTTER, JQUERY, ASP.NET, NODE.JS, KENDO, FLASK, MONGOOSE, EXPRESS, DATA STRUCTURES, OOP, DP

**Software Tools** - FIGMA, ADOBE SUITE, OFFICE365, GOOGLE CLOUD PLATFORM, LINUX, GIT, FIREBASE, MONGODB, BIG QUERY, UNITY, AUTODESK MAYA, ANDROID STUDIO

## Workplace Experience

### BlackBerry | TECHNICAL PROJECT MANAGER INTERN

Jan. 2021 - Apr. 2021

- As a TPM under Enterprise Project Management, working with development team on Workspaces to guide software planning and release cycle.
- As a project coordinator, ensuring setup of beta trials and participant onboarding, maintaining action logs, and generating project tracking metrics.

### RBC | SOFTWARE DEVELOPER INTERN

May 2020 - Aug. 2020

- Worked with project manager and lead engineer to help identify key tasks and timelines for Global Directory restructure and migration (RACI).
- Under Identity and Access Management, updated system architecture with Java and Bash. Created project documentation for enterprise software.
- Migrated **75%** of global directory services to new infrastructure by identifying business and technical rules with **0** recorded tickets or affected users.

### The Mosaic Institute | TECHNICAL PROGRAM MANAGER INTERN

Sept. 2019 - Dec. 2019

- Designed "18Q" training web app for diversity & inclusion with AODA compliance. Helped business leaders understand diverse team backgrounds.
- Diversity training app now used by government authorities and offices **across Ontario** for online training exercises during COVID-19.
- Handled Asana SCRUM maintenance and task delegation in Agile pipeline. Developed with team in React.js with CI/CD on Heroku.
- Reduced administration time by **94%** replacing pen and paper methods with automatic CSV generation, removing need of in-person administrator.

### FGF Brands | FULL-STACK WEB DEVELOPER INTERN

Sept. 2019 - Apr. 2020

- Created an intranet design that featured important widgets, links and tools for both pipeline engineers and office admin to **boost productivity**. Personally pitched concept directly to CTO and received project approval "greenlight" to continue development and deployment.
- Developed intranet portal with **28** more functionalities than predecessor and company-wide usage of **60+** hits per hour.
- Maintained data control as a SharePoint admin. Created UI tools/dashboards for vendor management (Walmart, Starbucks).
- Worked with food engineers and pipeline leaders to create business solutions for continuous production on various items and shipment schedules.

### University of Toronto | TEACHING ASSISTANT

Sept. 2018 - June 2021

- CSCA08 - Intro to Computer Science (Fall 2018, Winter 2019), CSCB20 - Intro to Databases & Web Applications (Winter 2021)
- Created tools in Python to instruct over 3k students. Graded papers, held tutorials, office hours and substitute lectures.

## Entrepreneurial Experience

### Pinch 📍 | FOUNDER & CHIEF EXECUTIVE OFFICER

Aug. 2020 - Present

- Founded startup for economically viable mobile delivery platform that removes third-party interference during orders, leveraging flexible delivery options. Partnering with existing local courier companies for "courier marketplace", removing barrier of entry for local restaurants and couriers.
- Dropped restaurant fee from **20-35%** commission to **1%** (freemium model). Enhanced independent courier business by **4x** during pandemic spike.
- Delegated tasks with JIRA, Agile workflow, concept documents. Used Figma & Flutter to create prototype and product with team.
- The Hub startup competition winner (6/72). Cooperathon startup competition finalist (Top 20/250+)- "**Best Tech Solution**", "**Best Overall Startup**"

### Hack the Valley 📍 | Co-CHAIR & CXO (CHIEF EXPERIENCE OFFICER)

Oct. 2017 - Present

- Promoted Sponsorship Coordinator → Web Developer → Executive Organizer → Co-Chair and CXO (2020-2021).
- Helped oversee Hack the Valley reach **7.5k** applicants and become Canada's **second largest** hackathon. As Chief Experience Officer, lead Hack the Valley to be recognized as a **Top 50** (ranked **23**) Hackathon worldwide by Pinnacle (Olympics of Hackathons).
- As an executive, helped create the "Global Sustainability Initiative", partnering with MLH to get **26** other events to take on the sustainability model.
- Developed new 2021 Hacker Landing Page and Dashboard event site, serving as a **Program Manager**, assigning tasks using Jira & Agile workflow.

## Education

### University of Toronto

Sept. 2017 - Apr. 2022

- Specialist: **Computer Science** (Software Engineering Stream) | Minors: **Statistics, Creative Writing**
- Current Relevant Courses: **Product Design, Web Development** | Overall **3.65 GPA**

## Relevant Projects

### Arusi 📍 | JAVA AND ANDROID SDK MUSLIM CONNECTIONS APP

PROJECT MANAGER AND DEVELOPER (PERSONAL STARTUP/INITIATIVE)

- Lead NPO initiative connecting Canadian Muslims, virtual matches.

### SkillTraders 📍 | REACT.JS NETWORKING SITE (COVID-19 RELIEF)

FULL-STACK SOFTWARE ENGINEER (PARTNER PROJECT)

- COVID-19 Relief platform for skilled practitioners to exchange services.

### ModernModular.js 📍 | DOM ELEMENT WIDGETIZATION JS LIBRARY

FULL-STACK SOFTWARE ENGINEER (PERSONAL PROJECT)

- JS library for web developers to widgetize on-screen components.

## Honors & Awards

### RBC 2020 Innovation Challenge

"RBC VIRTUAL BRANCH" PROJECT - **2ND PLACE BEST APPLICATION**

May 2020

- Product design and prototype for a virtual banking application using AR.

### QHacks 2020 📍

ROLL-E - **BEST GREEN HACK**

Feb. 2020

- Lead team for an autonomous recycling waste manager using deep ML.

### UofTHacks 2020 📍

WORDS WITH STRANGERS - **BEST APP ON TODA**

Jan. 2020

- Lead team for web-based multiplayer word-choice game using TODA.