





# Tahmeed Hossain

Software Engineer

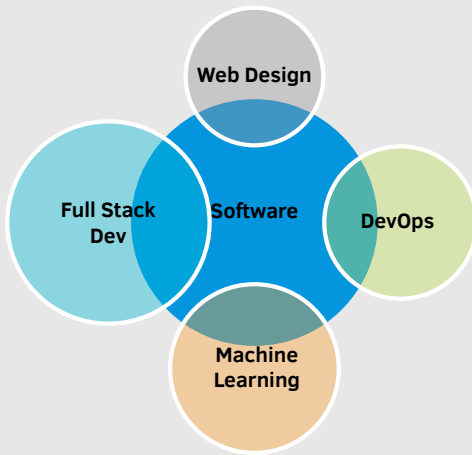
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## Technical Skills — Overview



### Programming

0 LOC —————> 5000 LOC

NodeJS • Java • Python

PHP • SQL • ReactJS

Javascript • Express • R

## Education —

### B.Sc., Computer Science

University of British Columbia  
2016 - 2021 | Kelowna, Canada

### CPT, CFES Personal Trainer Diploma

Okanagan College  
2018 - 2020 | Kelowna, Canada

## TECHNICAL SKILLS

FrontEnd **HTML, CSS, ReactJS, Material UI, PHP, Javascript, Java**

Backend **NodeJS, Express, PHP, Java, MySQL, PostGreSQL, FireBase, Git**

Deploy **Digital Ocean, Nginx, Docker**

Other **Python, R, Bash, Tensorflow, Excel, SolidWorks**

## TECHNICAL EXPERIENCE

April 2020 - Present **Full-Stack Developer (Project Manager)** Agronomie

- Developing a full stack website that provides agricultural data to farmers in Kenya based on location
- Built complete functional user-driven system with **Postgres** database, **Node.js** server side, and **React.js** client side.
- Coordinated development and deployment of software project with **Docker** containers for continuous integration and testing

## TECHNICAL PROJECTS

Sept 2019-Apr 2020 **Web Development** University of British Columbia

**Website:** Built a commercial blogpost website for a self-made brand using **PHP** that incorporates **Javascript**, **HTML**, **CSS** and **MySQL** server as part of a two person project.

- Conducted design and construction of entire system architecture using ER diagrams and Data flow diagrams within the technical specifications.

Jan 2020-May 2020 **Android Development** University of British Columbia

**App:** Built a UBC study room booking app using **Java** in Android studio for **UI design** and **Google Firebase** for the database.

- Designed and Programmed application that is geared towards an older demographic to provide a user-friendly interface for functionality found through user evaluations and prototype testing.
- Parsed dynamic data from UBC study booking website to real-time access to allow seamless booking.

Jan 2020-Apr 2020 **Interactive Agent Project** University of British Columbia

**Chatbox:** Designed, built, and trained agent on neural network and deep learning model using **python** libraries such as **Tensorflow** and **Tflearn**.

- Created custom tokenized data sets sorted by the pre-processing library (**nltk**) and stored into dictionary arrays and converted into **numpy** arrays to train neural network on user input patterns.
- Tested and implemented different activation functions on neural network such as sigmoid, softmax, and linear functions to optimize data accuracy by mapping response values.

## WORK-EXPERIENCE

Jan 2020-Mar 2020 **UBC Recreation**

**Personal Trainer:** Helped individuals reach their fitness goals

- Create exercise prescriptions for clients for specified goals
- Observe and assess clients movements and give feedback

May 2017-Sep 2020 **BC Ferries**

**Terminal Attendant:** Assisted with Terminal Operations at the Tsawwassen Ferry Terminal.

- Load foot and vehicle passengers on to the Ferry.
- Maneuver ramps and pathways for transportation on to Ferry
- Handled terminal maintenance and customer service tasks