

Shermal Marasinghe

Computer Engineer

Mobile : 6473211414

Email : shermalmarasinghe@gmail.com

LinkedIn : <https://www.linkedin.com/in/shermal-mara>

GitHub: <https://github.com/ShermalM>

Portfolio : <https://shermalm.github.io>

Work Experience

Technical Support Representative

Klarna, Toronto, Canada

July 2021 – January 2022

Customer Service Representative

TTC, Toronto, Canada

August 2019 – July 2021

Languages

C	Java
Python	HTML/CSS/XML
JavaScript	SQL
PHP	

Tech Stack

Oracle	Node.js
React	MySQL/MSSQL Server
Bootstrap	jQuery/ jQuery UI
AWS	Firebase/MongoDB
Jira	Heroku

Operating Systems

Windows	Linux
Android	Ubuntu

Skill Highlights

Proficiency with Programming Languages
Excellent Time Management
Quick Learner
Mathematical Skills

Certifications

:: JavaScript, PHP, and JQuery Certificates
by SoloLearn February – April 2020
:: Azure Fundamentals AZ 900 Certificate
by Microsoft March 2021

Volunteer Experience

:: Volunteered at National
Engineering Month, Humber
Workshop, Toronto, Canada
:: Organised fundraiser events via
ACBT Student's Council

Achievements

- Deans List : Humber College, Toronto, CA (2021)
- Achieved the highest mark for Mathematics - Cambridge O/L (2017)
- Received High Achievement award for Computer Science Cambridge O/L (2017)

Education

- **Advanced Diploma : Computer Engineering Technology** - 2021
(GPA 3.67 / 4.0)
Humber College, Toronto, CA
- **Foundation Diploma of Science : Engineering Studies** - 2018
Edith Cowan College, Melbourne, Australia

Projects

- **Online File Explorer (2022)**
 - Created an Online File Explorer web application.
 - Built the base template using HTML and Bootstrap.
 - Used Pure Node.js to create the server and give it functionality, which includes allowing the user to browse through the different items, view them, and rearrange them by Name, Size, and Last Modified time.
 - Maintained the application on a GitHub repository.
 - Deployed on Heroku PaaS.
- **Smart Lock Senior Capstone Project (2021)**
 - Led a group of four in developing a decentralized Smart Door Lock System. Connected our decentralized subsystems to Blynk Cloud Database.
 - Developed a mobile application to lock/unlock the Smart Lock.
 - Used a Raspberry Pi 4 and STM32F103C8T6 micro-controller to control the subsystems.
 - Wired circuits for a 5V servo motor, SSD1306 OLED, and other peripheral devices.
 - Coded firmware using C and JavaScript, maintained on a GitHub repository.
- **Homies Android Application (2020)**
 - Led a group of four in developing an Android Housing application.
 - Used Android Studio IDE to design the front-end user interface and develop back-end functions using XML and Java.
 - Maintained the application on a GitHub repository.
 - Connected the application to Firebase Realtime Database, in order to store and access data remotely.
 - Utilized Google and Facebook API for creating user accounts.