HODA MOHAMMADI

SOFTWARE DEVELOPER

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SKILLS

- Java
- Kotlin
- JavaScript
- Gradle
- ReactJS
- Firebase
- Git
- Bash
- Solidity

EDUCATION

McMaster University

B.Eng in Software Engineering
April 2020

EXPERIENCE

TD Bank | Android Mobile Developer | April 2018 – Present

- Responsible for creating and contributing to several modules in the TD app using **Java** and **Kotlin** including the TD authentication module and TD chatbot.
- Implemented modules using **MVVM** and **MVP** design patterns while practicing **Agile** methodology.

Orbit Engineering | Android Mobile Developer | September 2017 – April 2018

- Solely designed and developed an Android application using **Java** and **MVP** design pattern used by more than 50 employees to log various work-related activities.
- Used **SQLite** to store employee information and **SMTP** for related email activities.

McMaster Women in Engineering | Volunteer | September 2016 – April 2017

- Mentored prospective STEM students in leadership, communication and various technical skills.

PROJECTS

Conveyor | Kotlin Mobile Application

- Designed and developed a mobile application to connect individuals through an enhanced messaging platform, providing smart replies and secure authentication.
- Implemented using **Kotlin**, **ML Kit** and **Firebase**. The application demonstrates a clean Android architecture (**MVVM**) that is modular, scalable and maintainable.

Pandemic Blockchain | ReactJS and Ethereum DApp | 2nd Place CryptoChicks Hackathon

- Implemented a decentralized application used to report and track cases of virus outbreaks.
- Built on the **Ethereum Network** using a **Solidity** smart contract and Ganache Truffle Framework for creating an Ethereum client. **ReactJS** and **Google Maps API** were used for data visualization.

Piece of Mind | Java EE Web Application

- Developed a web application which provides analytics of the attitudes of Twitter users as individuals as well as a collective. Implemented on **Apache Tomcat** using **Java** and **Twitter API**.

HACKATHONS

Elevate (TD 1st place)   CryptoChicks (2nd place)   Google Cloud Hackathon   Sparta Hacks