# Hojat Ghasemi

Mobile Application Developer
Status in Canada : Open Work Permit (valid till August 2025)

Toronto, Ontario, Canada
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## PROFESSIONAL EXPERIENCE

### ONTAB — *Senior Android Developer*

Toronto, Canada * September 2023 – November 2023

Developed native Android point-of-sale application for payment services.

### Freelancer.com — *Freelance Software Developer*

Remote * October 2022 – August 2023

Worked on development and maintenance of various mobile/web applications. Some of the main technologies used: Android, React Native, JavaScript/TypeScript, Babel, Ionic, Angular, RxJs.

### TradeRev (now part of OPENLANE)— *Android Developer*

Toronto, Canada * June 2022 – September 2022

Participated in maintenance and development of [TradeRev Android app](). Some of the main responsibilities: migrating to modern Android development paradigms (such as Jetpack Compose, ViewBinding, Coroutines, Paging 3), developing the dependency injection module of the app using Koin library.

### Esperlos — *Android Engineer*

Iran * July 2017 – March 2019

Participated in design and development of various Android apps as part of [Esperlos]() front-end team. Some of the main responsibilities: Design, development, debugging, and maintenance of an E-commerce Android app, migration from Java to Kotlin. Developed concurrent data layer of the app with RxJava.

## ACADEMIC EDUCATION

### Laurentian University — *M. Sc. Computer Science*

Sudbury, Canada * September 2020 – May 2022

### SBUK — *B. Eng. Electrical Engineering*

Iran * September 2011 - January 2017

## SOFTWARE DEVELOPMENT SKILLS

**Languages**: JS/TS (proficient), Kotlin/Java (proficient), python (intermediate), Dart (intermediate), C# (intermediate), C (beginner).

**Frontend frameworks**: React Native (intermediate), Next.js (intermediate), TailwindCSS (intermediate), Angular (intermediate), Ionic (intermediate), Capacitor

### Languages

Persian— *Native*

English— *Professional*

### Hobbies

Hiking, Reading English novels, playing video games, watching CG art reels.

### Favorite Programming Languages (in order of proficiency)

JavaScript/TypeScript

Kotlin

Java

Python

C#

Dart

C

### Favorite IDEs

WebStorm

Android Studio

IntelliJ IDEA

PyCharm

Visual Studio Code

(intermediate), Sass (beginner).

**Database technologies**: Room (proficient), Firebase Firestore (fluent), PostgreSQL (intermediate), JDBC(intermediate).

**Networking**: Axios (proficient), Retrofit (proficient), Ktor(fluent), OkHttp (fluent).

**State Management:** Redux (intermediate), MobX(intermediate)

**DI**: Koin (proficient), Hilt (fluent), Dagger (intermediate).

**Software architecture**: MVVM (proficient), MVP (proficient), Clean (fluent), MVC (intermediate), MVI (beginner).

**Testing**: Jest(proficient), Jasmine(intermediate), Karma (beginner), Turbine(proficient), Truth(fluent), Junit(proficient), MockK(fluent).

**Machine Learning**: ML-Kit(proficient), TensorFlow(beginner).

**Version Control Systems**: Git(proficient), GitHub(proficient).

**DevOps**: Trello(proficient), Azure(intermediate), Jira(beginner).

**EXAMPLE PERSONAL PROJECTS** (complete portfolio available [here](#))

## 1- Game Hub ([https://github.com/hojat72elect/GameHub](https://github.com/hojat72elect/GameHub))

A Compose-based native Android app for searching the latest news about video games.

Used technologies: Jetpack Compose, Hilt, Room, DataStore, Retrofit, WebView, Mockk, Turbine, Truth, Github CI/CD.

## 2- Movie Finder ([https://github.com/hojat72elect/MovieFinder](https://github.com/hojat72elect/MovieFinder))

A multiplatform Ionic + Angular app which allows users to fetch all the latest news and information about recently released movies .

Used technologies:  Angular, Ionic, Capacitor, Saas, TypeScript.

## 3- Photo Finder ([https://github.com/hojat72elect/photo_finder](https://github.com/hojat72elect/photo_finder))

A fully featured React app which allows users to search and browse through an online database of photos.

Used technologies: Next.js, React, TailwindCSS, React Firebase hooks, Cloud firestore, TypeScript.

**CERTIFICATIONS**

## 1- JavaScript Algorithms and Data Structures
([https://www.freecodecamp.org/certification/hojat/javascript-algorithms-and-data-structures](https://www.freecodecamp.org/certification/hojat/javascript-algorithms-and-data-structures))

An online comprehensive course including various famous computer science algorithms and data structures, implemented in JavaScript.

Included: HTML, CSS, JavaScript.

## 2- Responsive Web Design

(https://www.freecodecamp.org/certification/hojat/responsive-web-design)

Various web design exercises in different contexts.

## Fine-tuning a general transformer model on story-lines of IMDB movies database

The final paper is available here

## Graduate Fellowship

Spring 2021

## Full Scholarship — *Tuition Waiver*

2011

**INTJ, Nerd, Team Player, Ambitious, Minimalist, Perfectionist**

**Baris Emre Efe** — *Manager, Mobile Team at TradeRev* (baris.efe@traderev.com)

**Yatin Sharma** — Senior Android developer at TradeRev (yatin.sharma1991@gmail.com)