Software Developer / Android Developer / Mobile Developer

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**Summary**

* **Software Engineer** with a **B.Sc. in Computer Science** and hands-on experience building **native apps** using **Kotlin, Jetpack Compose,** and **MVVM** architecture.
* Skilled in **Python, Java, C/C++,** and **SQL.**
* Skilled in **Firebase integration, RESTful API** design,with a focus on efficient and reliable **network communication.**
* Strong knowledge of **mobile UX, OOP, data structures,** and clean, scalable **code practices.**
* Familiar with **Agile/Scrum** workflows and the **Software Development Life Cycle (SDLC).**

**Education**

2020–2023 **B.Sc. in Computer Science, GPA 84** – Holon Institute of Technology

* Relevant Courses: Android Development, Software Engineering, Machine Learning, Data Science

**Projects**

Shoppy Project

* Built a feature-rich e-commerce app using **Kotlin, XML,** and clean **MVVM architecture**.
* Integrated **Firebase Authentication**, product listing via **REST API,** and real-time cart updates.
* Used **LiveData, ViewModel,** and **Navigation Components** to ensure a fluid, modular UI.
* Added a **visual search** feature that **detects products via camera** and links to matching items in stock.

Waterly Project

* Developed a sleek hydration app with **Jetpack Compose, DataStore**, and clean **MVVM architecture.**
* Engineered smart daily reminders and animated goal tracking that feels rewarding.
* Optimized for offline use with a fast, reactive UI and frictionless user flow.

House Price Prediction Project

* Implemented a **predictive** data science project using **Python** for **housing price prediction**.
* Applied **data preprocessing**, **feature engineering**, and **exploratory analysis** with **Pandas** & **Seaborn**.
* **Trained** and **evaluated** multiple **ML models** (Linear Regression, Lasso, Bayesian Ridge).
* Achieved **strong model performance** through iterative tuning and cross-validation, **translating raw data into actionable insights**.

**Professional Skills**

Kotin, Jetpack Compose, MVVM, Firebase, Android Studio, REST APIs, Java, Python, C/C++, OOP

**Military Service**

2015 - 2016 **Engineering Department of the Technology and Maintenance Corps**

* Designed components for 3D printing, contributing to development efforts at the Center for Combat Equipment and Spare Parts.

**Languages**

**English** - Full professional proficiency I **Hebrew** - Native language I **Russian** - Native language