

Resume Itzik Rabinovitch

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Education & training:

High school education 2007 - Education at the Ort Moshe Sharett high school, physical biological trend - tertiary excellence in the program.

Completion of first degree B.Sc 2011 – 2015: Software Engineering, "Fourth Year, Azrieli College - Jerusalem Academic College of Engineering.

The average for the First year was 90.86, the average for the Second year was 93, average Third year - 93.45, average Fourth Year – 91.

Completion of a master's degree M.Sc 2016 – 2019: Master's degree M.Sc. In software engineering.

Courses and Certifications:

Completion of the application development course and applications for Android.
Completion Android Security course: vulnerability, MAC/DAC, Certificate & digital signature, SELinux/SEAndroid.

Completing a development on **Android internal and AOSP** course.

Work Experience:

2021- today:

Senior developer in NowForce team at **Cognyte (formally verint)**

The role including:

- Developing NowForce Component, redesigne architecture. •
- Developing in android and ios platforms. •
- work with rest api - client - server. •
- work with Google sdk and jetPack library. •
- work with APN by ios framework, third party (like ptt etc..). •

2019 - 2021:

Senior developer in DM team at **Motorola solutions.**

The role including:

- Developing DM components, maintaining and improving device system applications. •

- Build and improve communication protocol with Motorola servers.
- Using Design patterns to find different solutions and Characterize systems .
- Run STS and apply security patches in framework.
- Build a UNIT Test, DTE Test.
- Knowledge and development in MVVM / MVC architecture.
- knowledge Android Internal and AOSP, AIDL - Service manager & Client IPC.
- Multithreading development.
- Development and knowledge in the Linux environment.
- Development and maintenance simulator - server side (Node.js).
- Development of Android applications in Kotlin language.
- Developing with Rest Api Technology (Retro, OkHttpClient, SSL - TLS, PKI - Certificate).

2014 – 2019:

Team leader and senior developer of Android mobile programming at **Inpris**. Developing sdk parts from the component of the product to various customers, developing smart control that includes remote control of the company's product while driving (in smartphones and multimedia).

The role including:

- Team Management: Team Testing Software Management Team Programmers Total 3 people.
- Conducting job interviews, training and ongoing management of application development.
- Project Management in Git (bitbucket storage server). *
- Using different technologies such as: Rest api, SOAP , firebase , AWS-DynamoDB, google analytics/crashlytics, Testfairly.
- Using different patterns such as proxies and building software architectures in model view control (mvc) and service -binder configurations.
- Use and development on the infotainment system and use of the third library (Bluetooth, Radio Service) of the suppliers.
- Using an Android framework investigation (binder, rpc, stub, IBinder).
- Establishment of third library \ sdk -, AAR, jar and aidl.

- SQL experience and complex queries.
- Performs encryption of dex files (using Dexprotector).
- Using the reverse engineer (jadx) tools.
- Developing a project in a java environment - transferring private data from a mobile environment to a desktop environment by using USB connectivity.
- Developing a hacking project for the Android environment framework (backdoors reality and using AOSP for phone tracking).
- Developing simulation of graphs by loading excel files.
- 2D game development interfaces between two devices using the Bluetooth protocol and one side of the remote control devices and the other GUI of the game.
- Development of a simulator that maps a spatial search algorithm.

Military Service:

2007- 2010 Physical Guide at 8200

- As part of this position is responsible for managing the fitness system at the command base.
- Instructor - Physical course at the Wingate Institute.

2010 – 2011:

Mechanical component at RH Electronics company (in the chip field).

2014:

course instructor at Android at Hasharon College, private tutor in a solo promotion project.

2013 – 2014:

Testing exercises (For students), teaching students in mathematics, physics.

Workspaces and Software:

- Full control of email and internet office applications.
- Operating Systems: Linux \ Ubuntu, Windows, Workstation VMware.
- Android studio, visual studio eclipse, JetBrains.
- Bug management tools. Microsoft Visual Studio Team Foundation Server.

Other languages: html / css, java script, C#, C ++, C, python, Java – spring.

personal skills: with high self-ability and rapid learning, under stress and stress, responsible, demonstrating initiative, thinking and creativity with motivation and high energy, good interpersonal communication and excellent human relations. High self-learning ability. With technical skills and intuition.

Languages: English - very good control, Russian - mother tongue, Hebrew - high level.

Certificates and recommendations will be given upon request