

Chagai Friedlander

chagai.friedlander@gmail.com

+41 76 652 4456

[LinkedIn](#)

[Kirchlindachstrasse 11, 3052 Zollikofen, Bern](#)

25.03.1995

I like working in a team and enjoy people's company in general.

Skills Matrix

Very good	Java, Android, Android Studio, VSC, SQL, Maria DB, PostgreSQL, JSF, native in English and Hebrew, fluent in German (fast akzentfrei).
Good	Kotlin, Javascript, HTML, CSS, React, Linux(debian/Ubuntu, centOS, alpine), Firebase, Docker, Wireshark, SIP, Swiss German (Bärndütsch).
Some knowledge	Python, Bash, Ansible, Angular, MongoDB, React Native, Go, Lua.

Work Experience

March 2020 - Now Working at [Aarenet](#) as a full stack developer.

2019 Tutor at the university for a programming course in Java and another module called - "Systems Software and Computer Communications".

Since 2020 I have been mainly working on integrating an open source cross-platform [UCC](#) product (MS-Teams alternative) with a [VoIP Softswitch](#). Through doing this I learned a lot about many different technologies:

1. Integrating such a feature rich [UCC](#) client meant having to adjust the source code in many different components and building these components from the source code. Having to do that resulted in priceless experience in various different open source projects, programming languages and platforms. This included:
 - a. React projects - [Jitsi](#), the video conferencing part of the UCC product and [the web client itself](#), adding features and adjusting the client to fit the needs of the company, I also worked personally on another React project - [trustroots.org](#).
 - b. An Android client, firstly the mainly java implementation, using a web view for a POC and later on the new fully Kotlin Android client, on this client I implemented many contact related features besides many other adjustments.
 - c. A python server, for example, making the server multi-tenant compatible and adding email search.
2. Docker, bash and servers - having to set up a working environment for this [UCC](#) product taught me a lot about servers, working together with an experienced operations professional I learned a lot about how to configure docker to a great extent, for example creating new images, mounting data and running scripts inside



containers. I now know how to use vi, curl etc. and I've gained much experience with Debian, CentOS and Alpine linux distros.

3. During the research phase I built a few react native apps from source and adjusted code in Angular 1 also learning a lot about how these technologies and languages are like.
4. VoIP and the SIP protocol - looking at wireshark traces together with VoIP professionals gave me a very interesting insight as to how protocols (especially the [Session Initiation Protocol](#)) work.
5. Besides all this technical Know-How that I have gained I also had many conversations about the product itself, sometimes also speaking to customers and end users to really provide a good integration and a good product. I really enjoyed this and was enthusiastic about the product as much as about the technology behind it.

Besides working on this integration and the architecture from scratch I also did some feature implementations on the company's web application, a JSF project with java beans and html with a csv setup for translation. For example, I implemented call statistics and a live call view for the VoIP Softswitch web portal.

Education

2016 - 2019

Bachelor of Science in Computer Science at the Philipps University in Marburg, Germany.

Past Projects

[Supernote](#)

An Android note-taking app with a focus on optimising online/offline behaviour and utilising mobile technology to the fullest in order to boost productivity. Amongst the features included in the note-taking app are highly customisable powerful reminder types (location-based, setting reminders for other users and more), detailed note versions and many more features.

I started working on this project on my own initiative as a leader of a team of 3 students for a university module, continued working on it alone for another university module and eventually wrote my bachelor's thesis about the project expanding and comparing it to other note-taking services.

[Bohnanza](#) and [Enwork](#)

A Windows app for a German card game called Bohnanza and an Android app for job searching.

Volunteer Work

[Debate Club](#) Vice President, Developer for [Trustroots.org](#) and the [openhospitality.network](#), Scholarship at [ELES](#), [Culture Tutor](#) at the University and more (ask me 😊).