

# Ewelina Skowron

I'm an Android Developer with a strong product thinking. My mission is to create products that help people. I believe that technology is only a tool which should be adjusted to product, company and what is more important to the human needs.

## Experience

### StethoMe, Poznań – Android Developer, Kotlin, Java

January 2021 – NOW

- Improved flow of connecting with stethoscope - by showing connection state and adjust time of **searching for BLE device**
- Increased **mean rating** score on **Google Play** from 4,5 to 4,7 by sending push notification for selected users
- Increased security and signing in by introducing **biometric** and **jwt** token stored in keystore
- Speeded up the development process and app prototyping by creating reusable components for whole application with **material theming**
- Improved the way to collect users feedback by implementing **Firebase Messaging** and instructing product and marketing teams on how to use it resulting in an increase from 1% to 5% of feedbacks shared by users
- Improved cooperation with product team and decreased the number of reported bugs connected with the UI and translations by adding ability to **CI** to **generate screenshots** for every language and adding additional mode to replace string value with it's keys
- Diagnosed and resolved users **bluetooth low energy** problems connections by scanning environment and logging users connections
- Decreased the number of reported bug in internal issue tracker from 60 to 5 by improving development process and adding unit and instrumental tests running on **Gitlab** in **docker** container
- **Improved the app stability** by increasing the number of crash-free users from 88% to 95% by reviewing and refactoring the old code and introducing **clean architecture with unit tests**
- Prepared app for clinical test by implementing surveys and various auscultation modes for different illnesses: asthma, cystic fibrosis, chronic obstructive pulmonary disease, covid, healthy
- Increased number of successful stethoscope exams with good quality recording by showing audio wave in real time and **integrating** application with **internal library** written in **C**
- Improved everyday work of manual QA by implementing **automatic app distribution** to Firebase using **docker registry and gitlab pipelines**
- Speeded up our process of supporting the third-party companies, which integrated with our **sdk**, by separating code to stand alone modules with **connected CI/CD** with **unit and instrumental tests**.

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## Technology

Kotlin/Java, Android sdk

Jetpack Compose:  
architecture component,  
navigation, Room

Dependency Injection:  
Dagger, Hilt, Koin

Kotlin Coroutines, Flow

Firebase sdk: Crashlytics,  
Analytics, App  
Distribution, Remote  
Config, Messaging,  
Performance Monitoring

Google Play Console

Google Cloud: Big Query,  
Dialog flow,

IBM Watson

Qisdk - Pepper sdk for  
Android

Gitlab CI/CD

Dockerfile

RxJava

Testing: junit, mockito,  
Espresso, Robot pattern

Clean Architecture,  
MVVM, SOLID

Gradle/Groovy

Ndk

iOS

## Snowdog, Poznań – Android Developer, Kotlin, Java

September 2016 – December 2020

- Developed app, prepared and supported Pepper the robot during presentation at Magento Live Europe Amsterdam 2019 for the audience of 2000 people
- Improved user experience of customers in offline eobuwie store in Stary Browar in Poznań by implementing order pickup by voice with Pepper the emotional robot. which was the first commercial launch of Pepper
- Decreased the cost of creating single event's app running on Pepper to 1 day by **separating code** to many reusable, **single-purpose modules** and **distributing** them as **libraries**
- Improved users satisfaction of talking with Pepper by observing users behavior and implementing better **talking scenarios** with **clickable interface - voice first**
- Improved customer experience in eobuwie mobile app by implementing new design of filters and categories view
- Improved process of food delivery in our office by implementing single purpose **kiosk app** that inform about delivery
- Improved experience of attendees in the Meet Magento conference, by implementing a **2 dimensional agenda view**.

### Soft skills

Leadership  
Assertiveness  
Creativity  
Teamwork  
Communication  
Decision-making  
Critical thinking  
SDLC (Software Development Life Cycle)

### Languages

Polish - native  
English

## POLENG, Poznań – Python Developer, part-time

January 2016 – March 2016

- Speedup work of translators by implementing script identifying untranslated words

## Adam Mickiewicz University, Poznań – Researcher

August 2015 – September 2015

- Team leader of project proposed by IT Solution Company, topic: Signature recognising using IC Pen

## IBM, Virtual – Researcher

November 2013 – December 2013

- Awarded as one of the 10 top students from 177 attendees in virtual MC2-500 internship organized by IBM

### Other

- GDG Poznań - Organizer
- Mentor as a volunteer in foundations: Girls Code Fun, IT Girls
- Speaker and content-creator: last event: DevFest Collegium Da Vinci (16.12.23): "What connects an e-stethoscope with a baby monitor?" A case study of BLE issues

### Education

## Adam Mickiewicz University, Poznań – Bachelor engineer degree of Computer Science, specialization: mobile technology

October 2013 – February 2017

- University Scholarship for the best students 3 years in a row: 2014, 2015, 2016