

# KAPILESH THARAKNATH

## Software Engineer

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## EXPERIENCE

### Software Engineer

#### intive GmbH

February 2018 – Ongoing    Berlin, Germany

- Worked on projects with clients such as Vorwerk and Telekom having a highly dispersed remote team from conception to launch
- Been involved in estimations for new projects and in setting up end-to-end development pipelines
- Developed proof of concepts for emerging multiplatform technologies such as Kotlin Multiplatform and presented various new Android APIs on a company level to be on the cutting edge of the field

### Android Developer

#### Witworks Consumer Technologies Pvt. Ltd.

August 2016 – December 2017    Bangalore, India

- Worked with a small self organizing team to build and maintain a UI/UX library for an Android based circular smartwatch and practiced AGILE product development methodologies such as SCRUM
- Developed system apps like Navigation, Caller, Music Player, Calendar, Uber, Voice Command and was involved in their periodic releases
- Worked on Bluetooth Classic, BLE, HSP, HFP, A2DP, AVRCP

## PROJECTS

### Vorwerk - Cookidoo

May 2018 - Oct 2019

#### A companion app for Thermomix, a cooking appliance

- Worked with an international team spread out amongst various countries to create an app with a fully reactive flow with frameworks such as RxJava and Koin, applying design principles derived from MVP and Clean Architecture
- Involved in high level planning from conception to release through various phases of development and in setting up development pipelines

Cookidoo

### Telekom - Megadeal

Mar 2018 - Apr 2018

#### An app by Telekom for discounts, coupons and deals

- Handled legacy java code and worked with UI libraries such as Epoxy
- Used libraries such as RxJava & Dagger and used MVP architecture

### Timex | Blink

Sep 2017 - Dec 2017

#### A companion cross-platform mobile app for the Timex | Blink fitness band

- Built using the cross-platform tool React Native
- Processing and viewing of data collected by the band and controlling it's functionalities via Bluetooth

Timex | Blink

*Coding and AI enthusiast with experience in Android Development having strong Data Structure and Algorithm skills*

## TECHNICAL SKILLS

Android    Machine Learning  
Kotlin Multiplatform    React Native

Dagger    RxJava    Koin    React JS  
Mockito    Espresso    JUnit

Kotlin    Java    Python    C++  
JavaScript

## SIDE PROJECTS

### Student Retention Predictor

**Apply Machine Learning to real world data from a school for underprivileged youth**

### Deep Learning Specialization Course

**About structuring, tuning and optimizing Deep Neural Networks**

Certificate

### Tic Tac Toe

**An unbeatable Tic Tac Toe application using Min-Max algorithm**

Tic Tac Toe

### Voice Assisted Weather App

**A simple weather application which takes voice command as input and tells weather**

Voice Assisted Weather App

## EDUCATION

### Bachelor of Technology (B.Tech.)

#### Delhi Technological University

August 2012 – May 2016

Mechanical and Automotive Engineering