KAPILESH THARAKNATH

Software Engineer

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

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

% Megadeal

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 presenting the data collected by the band and controlling it's functionalities via Bluetooth

% Timex | Blink

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