

KAPILESH IYER

Software Engineer

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EXPERIENCE

Android Developer

Witworks Consumer Technologies Pvt. Ltd.

August 2016 – Ongoing 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

Voice Assisted Weather Application

May 2017

A simple weather application which takes voice command as input

- Retrofit, Dagger2 and RxJava2 are used for modularity and code conciseness along with Mockito and Espresso for testing

github.com/kapil93/Voice-Assisted-Weather-App

Circular Layout Manager

Apr 2017

An Android Library for a Circular List

- Custom Layout Manager for RecyclerView which lays out its child views in circular or elliptical fashion
- Made Scroll Wheel functionality along with Circular Relative Layout

github.com/kapil93/Circular-Layout-Manager

Tic Tac Toe

Apr 2017

An unbeatable Tic Tac Toe application using Min-Max algorithm

github.com/kapil93/TicTacToe

Word Cloud Library

Jul 2016

An Android Library for a Word Cloud View

github.com/kapil93/WordCloud

Path Finding and Path Optimization Algorithms

Jun 2015

Guided and Unguided Search Algorithms

- Worked on Guided and Unguided Search Algorithms on a pacman maze implemented by Graph Data Structure as a part of an Artificial Intelligence course

Snake Game – Genetic Algorithm

Feb 2011

A Snake Game in C++ using Graphics Library

- Applied Genetic Algorithm to make the Snake eat food by itself, after which the Snake learned not to kill itself, but did not learn how to eat food efficiently

Coding Enthusiast with experience in Android Development and strong Data Structures and Algorithms

TECHNICAL SKILLS

Android SDK Data Structures
Algorithms Git

Dagger2 RxJava2 Retrofit
OkHttp Picasso Mockito
Espresso JUnit

MVP Fragment Service Lifecycle
Custom View Canvas Animation
Gradient Touch Propagation
Material Design SQLite REST

Java C++ Python

LANGUAGES

English ● ● ● ● ●

Hindi ● ● ● ● ●

Tamil ● ● ● ● ●

EDUCATION

Bachelor of Technology

Delhi Technological University

August 2012 – May 2016

Mechanical and Automotive Engineering

HOBBIES

Music Guitar Harmonica
Skateboarding