

## Experience

### AppSuccessor Media Pvt. Ltd

Android App Intern | Sep 2023 - Present | Hybrid  
Building [Trakeat](#), a calorie tracking app that enables users to log their daily calorie intake, exercise, and water consumption. The app provides a progress graph of calorie intake and helps users discover new meals and nutritional facts.

**Tech** : Kotlin | XML | hilt | Retrofit | firebase auth | firebase db | MPAndroidChart | MVVM |

### Matterhorn Consultancy Pvt Ltd

Android App Intern | July 2023 - Sep 2023 |  
Made an app to show images from unsplash API with onboarding screens.

**Tech** : Kotlin | XML | Retrofit |

## Education

### **IMS Engineering College (AKTU) | 2020 - 2024**

B.tech - Computer Science and Engineering

### **NMAV School GZBD | 2019 - 2020**

CBSE - 12th / Intermediate

### **Army Public School, Noida | 2017 - 2018**

CBSE - 10th / Matriculation

## Certifications

Udemy - The Basic Android Kotlin Developer Course [↗](#)

Udemy - (MVVM, Compose) Advanced Android Bootcamp [↗](#)

## Projects

### Morse Code Translator [↗](#)

- Made using **python** using no external plugin. it uses dictionary to store the morse code. The **key** here is the english alphabets.
- It can encrypt and decrypt the given message.

**Tech** : Python | Dictionary | Numpy

### Weathering Mobile Application [↗](#)

- Made using **kotlin** and following business logic **MVVM** to setup everything in the project.
- It uses Glide to load images
- Has **LeakCanary** to show if there is any memory leak during the debug mode.
- Use openWeatherApi to show weather data and a toggle to switch between dark and light mode.
- **Illustration** are crafted by me.

**Tech** : Kotlin | Retrofit | XML | hilt | Room

### Portfolio Website [↗](#)

- Made using **bootstrap** framework for responsive site implementation in short time.
- Added **hugo** support for static blog
- Hosted on github pages

**Tech** : Html | CSS | Bootstrap | Hugo

### Kernel for Moto G3 [↗](#)

- A kernel for android device using **C** language
- Added lots of CPU profiles from github
- Upstreamed kernel source from **kernel.org**

**Tech** : C | Makefile | Android

### UnitConverter Mobile Application [↗](#)

- Made using **kotlin**
- **MVVM** based Jetpack **Compose** application
- See conversion history in **LazyColumn**
- Support for **landscape orientation**

**Tech** : Kotlin | Compose | hilt | Room db

### News Mobile Application [↗](#)

- Made using **kotlin** and following business logic **MVVM** to setup everything in the project.
- has Coroutines to manage lifecycle
- has **1 activity** and all other as fragments.
- [AndroidX Navigation](#) for handling navigation events

**Tech** : Kotlin | XML | Dagger hilt | Retrofit | Room

### YTAudio Mobile Application [↗](#)

- Made using **kotlin**
- it uses **yt-dlp** to get the video and convert using **ffmpeg**

- User can **select specific folder** to save mp3

**Tech** : Kotlin | XML | Storage | Youtubedl-android

### Firmware for Lenovo P2 [↗](#)

- Made a firmware for android device to enhance its performance. Used **LineageOS** for whole android OS source.

- Supported latest android to the device when company dropped its support.

- **Fixed small bugs** which were present in the stock firmware of the device. Like video playing lags.

**Tech** : Makefile | AOSP | LineageOS | C

## Skills

### **Languages & Technologies**

kotlin, python, c, html, css, bootstrap, hugo

### **Databases:**

MySQL, Room Db

### **Tools familiar with:**

Git, shell, jenkins, gerrit, Github Actions

## Coursework

Data Structures and Algorithm

Unix Tools and Scripting