OMKAR SAWANT

Email | +91-9326451489 | github.com/OmkarSsawant

Education

Datta Meghe College Of Engineering, University of Mumbai, India   **2021 - 2024**(expected)
- Computer Engineering | CGPA: **8.2**

D.Y Patil Polytechnic, India   **2018 - 2021**
- *Diploma,93.89%*

S.T Ursula School, India   **2017**
- *SSC(Class X), 87%:*

Skills

Android | Kotlin | Blockchain | Solidity | Flutter | Machine Learning | JavaScript | Node.js | React | Next.js | Firebase | MongoDB

| MySQL | Go | Git | Java | C++

Work Experience

Spacenos| Android Developer Intern   **Jul'22 - Aug'22**
- Worked on Development of Supply Chain Management Application
- Leveraged technologies such as Firebase , Algolia , RxJava
- Collaborated with team to work on features and bug fixes

Marine & Industrial Control & Automation Labs| Software Intern   **Jun'20 - Jul'20**
- Part of project named "Normalisation"
- Undergone Industrial training in Python and MySQL

Projects

Quick Scanner:Free Scan Document,QR and Pdf Editor   **Feb'19**
The epic scanner app is a multifunctional tool, combining document and photo scanning, OCR text scanning, PDF editing, live translation of OCR camera text into 50+ languages, and an easy-to-use barcode scanner for QR codes.
- Build on AndroidScanLib and Zomato Image Filters for processing images and android inbuilt pdf tools to process pdfs.
- Utilizes Firebase Vision for OCR and barcode scanning and android camerax for capturing frames.
- Follows MVVM repository pattern with room's livedata and kotlin coroutines, flow. Processes images using Workmanager.
- Pdf Reader converts PDF to audio using VisionOCR and android TextToSpeech.

RideVen   **Nov'23**
Unearth a new era of cycling! Track your rides, set personal goals, and connect with a thriving community of cyclists Easy to use map navigation to explore new cycle routes and places.
- Integrated TomTom Maps SDK for step-by-step navigation , place search and route discovery.
- Shows Environmental points and ML Calories tf-lite model trained on kaggle dataset predict burnt calories.
- Stores Rides taken, user stats in room and uses moshi and retrofit to access the TomTom RouteMatrix and PlaceSearch API's.
- Glide for seamless loading of network images of places and follows MVC pattern with dagger hilt dependency injection.

EaseBook   **Jan'21**
Embrace sustainable reading with our application built on Jetpack Compose and powered by a Node.js backend. Easily share and locate second-hand books, fostering a community of book enthusiasts while minimizing environmental impact.
- UI build using Android Jetpack's Modern Compose UI and Glide to load books and preview images.
- WorkManger to minimize requests with room cache of retrofit responses from backend to upload books and finding books in nearby.
- Firebase authentication for uploader and user authenticity.

Trendy News   **Oct'21**
News [app](app) uses room cache,retrofit and efficiently loads news with jetpack paging from mediastack api with repository pattern.

Usage Tracker Buddy   **Sep'22**
[App](App) Tracks daily usage of mobile including the geolocation using geofence and enables sharing with family to bring it in control with firebase.

Skin Cancer Detector App   **Apr'23**
Skin Cancer detection [app](app) to early detect and monitor skin cancer using tf-lite model,coil,itextpdf,room , camerax and firebase auth.

Portfolio   **Sep'20**
Demonstrated proficiency and creativity through a curated collection of diverse projects.Projects developed with technologies Android , Flutter , React ,Next.js , Blockchain , Firebase and mongodb [link]

Academic and Extracurricular Achievements

- QuickScanner has over **10K+ Downloads** on Play Store
- Among **Top 10 Finalists** in Techotsav'22

Positions of Responsibility

Google Developer Student | GDSC Lead   **Jul'22 - Jul'23**
- Executed 10 tech events and workshop helped student learn technologies such as Jetpack Compose,Cloud,Web,ML and Open Source
- Directed the core team for bringing successful events and hosted the Jetpack Compose as campaigner.