

# ZALAK SUTHAR

## ANDROID DEVELOPER

### CONTACT

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### SKILLS

- Kotlin, Java
- Android UI Designing
- Android SDK
- Firebase
- SQLite and Room Database
- Git, SCM
- In-App-Purchase
- Google Ad Mob, Google Maps
- Payment gateways like stripe, Razor pay, Hesabe Payment Gateway
- Zoom, Jitsi Meeting SDK
- Problem Solving

### EDUCATION

▪ Bachelor of Engineering  
in Information Technology

LJIET

2012-2016

### PROFILE

With over 4+ years of experience in building mobile applications using Java and Kotlin. Proficient in Android SDK and skilled in implementing MVVM architecture to create scalable, maintainable apps. Expertise in designing intuitive interfaces, integrating advanced functionalities, and optimizing performance. Known for delivering high-quality products on time, both independently and as part of a team. Committed to clean code practices, unit testing, and transforming complex problems into elegant solutions.

### WORK EXPERIENCE

#### ANDROID DEVELOPER

**Sapphire Software Solutions** 2022- Present

- Working on company's product of school management system, managed the deployment of Android applications to the Google Play Store, including configuring and uploading builds for both testing and production environments
- Handled app transfers between different Play Store accounts, ensuring a smooth transition and continuity of app availability and updates.
- Integrated third party libraries and payment gateway
- Working closely with core technology teams and other platform teams to balance cross-platform consistency with Android-optimization Implemented features for various applications in Java, Kotlin Collaborating with quality engineers, user research, product management, design, and support teams to ensure quality in all phases of app development.
- Designed and executed unit tests for Coroutines and LiveData components, improving code reliability and maintainability.

#### JR. ANDROID DEVELOPER

**IPath solutions**

2018-2019

- Determined architectural and product design details for open-ended tasks or specifications
- Integrated and optimized RESTful APIs for Android apps, enhancing data communication and functionality.
- Integrated different third party dependencies
- Integrated Firebase Cloud Messaging (FCM) to implement and manage push notifications within Android applications.

- Developed and managed SQLite databases for Android applications, including schema design, data modeling, and query optimization
  - Implemented code and resource management strategies to minimize app footprint and enhance efficiency.
  - Integrated Google Maps into Android applications, including implementing features such as location tracking and location based functionalities
  - Integrated a business card scanner library into Android applications, enabling automatic data extraction and processing from business cards.
  - Managed and visualized graph-related data within the app, including designing and implementing features for dynamic data representation and interaction.
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## **Project Experience Highlights:**

### **Dating App**

- Register with their interest : when user register in app they have just fill the data with their basic interest like which goal they are interested (Romantic or Friendship) , user go to places , upload media, audio , video
- Store : User can purchase any three pack which includes stickers and themes with some payment and purchase any product
- Map : In that different places with categories are visible , places markers are available with count of interested users on this place , on click of marker we open info window and it redirect to places details page
- Places detail : About place information like rating , place name , place category(cafe, restaurant , hotel) , place address , reach time and distance from current location , This places contain interested users list for that venue , another user review comment also visible so you can idea about place
- Interested User: In this Those who register interest in places (venues) that users are visible , from this user can like , save and exclude that user
- Received Match : Profile which like by user it is visible in their own user login from that user can check the another user profile , with user profile screen user can approve or reject that request and approve profile is visible in this module and user can chat with that another user which is approved by he/she.
- Chat : user can chat with another user and first time some question & answer they have to choose , after that they can book their date meeting via chat and after confirm the date meeting that visible in calendar , past and future meeting dates are also visible

### **Tools & Technologies:**

Kotlin , Web API (PHP), Stripe , Firebase

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## Article App

- Home Screen: A Home screen can display article and news list to show and pass information
- Notification Screen: User can see different notification received from app or other users, admin for changes of article, messages, saved article changes, friend request accepted messages etc.
- Article Details Screen: User can see any article in details with title, description. also users can save, like, add comments, view attachments of current article.
- In App Purchase: User can buy a subscription for read full article with attached file and see different videos in article details screen
- Refer and Earn: If user is free user or user can't purchase subscription, then they can share a reference link to other users and got free specific time period subscription as reward.
- Message Screen: App can allows users to create one to one or group chats to share and receive messages, images, videos, documents, etc.
- Video Screen: Admin or Sub Admin can upload different videos from Admin site or Sub Admin Mobile app and users can view that video's details, categories, watch videos in same screen.
- Profile Screen: User can view, edit, delete, logout, view terms and condition, view FAQs, visit App's website.

### Tools & Technologies:

Kotlin , Web APi (PHP), Firebase

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## School Management System

- Communication: the app provides a two-way communication channel between parents, teacher and students
- Academics: The app provides students with access to their academic records, including their grades, attendance and assignments. Teachers can use the app to create and manage assignments, and to track student progress with taking daily attendance
- Homework and assignment management: Teachers can assign homework and assignments to students through the app. Students can also submit their work through the app. Parents can also view their child's homework and assignment schedule
- Fee management: Parents can pay their child's fees through the app. They can also view their child's fee payment , Paid and unpaid fees can also available in app
- Transport management: The app allows parents to track their child's school bus in real time. They can also receive notifications when the bus is approaching their child's stop
- Circular and Test: Any activities , Timetable related queries , homework related update add by teacher and student also parents get notification of that circular also student can give test and see the test report by school
- Visitor Gate pass and Canteen : If any person have to meet to student then they have fill data of visitor gate pass with whom you want to meet, which reason , in out time and get daily update about canteen menu in school hostel
- Online Learning and Leave : If teacher has taken lecture in online mode then student can join it with zoom meeting of particular lecture and student can add leave from app and that leave is approved by teacher

### Tools & Technologies:

Java, Retrofit, Zoom Integration, Firebase, Payment Gateway Integration , Google Maps

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## Leads Management app

- User Dashboard: Give Information with graph about Leads capture, groups created, tasks, meeting schedule, sales opportunities, hot leads
- Add Lead: We can add lead with different methods like business card scan, scan QR code, Speak, Quick Record and Quick Note and you can view lead of team where you can perform lead actions with different social media apps
- Follow Up: with this module you can follow up with leads and add comment in that with follow up actions (call, mail etc.)
- Nearby leads: You can find nearby leads with name of person with company name and email, from that you can also view that lead
- Reports: In this module analytics of leads for team efficiency

### Tools & Technologies:

Java, AsyncTask , Android Networking, SQLite Database, Web API(PHP), QR Code Scanning, GPS Tracking

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## Work Management System

- Dashboard : About Daily base jobs in dashboard of user
- Add Work : Fill the Data what engineer can work on their work platform or any work site
- Complete the Job: After completion engineer have to complete the job from their profile
- Profile : About Engineer role and different work related details

### Tools & Technologies:

Java, Retrofit, Web API(.net)

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## Service Provider app

- Nearby Locations : Locate Nearby locations like restaurant, nursing home,atm , garage for highway users
- Information about location services : Through customer reviews and ratings they can know about good and bad services
- About Feedback : Give Feedback to other users
- Discounts : Receive discount and deals from services providers in app

### Tools & Technologies:

Android Studio, AsyncTask,Map Integration

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