

Sudheer Kumar

Flutter Developer

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Profile: Experienced Flutter Developer with 5+ years of hands-on expertise in building scalable, production-ready mobile applications across fintech and aviation domains. Proven ability to lead cross-functional teams, optimize performance, and deliver end-to-end solutions integrating RESTful APIs, GDS, and NDC systems.

Work Experience

Senior Mobile App Dev at Farenexus

November 2024 — Present

Mohali

- I began my journey at Farenexus by contributing to travel-tech and aviation-related products that bridge airlines, agencies, and end-users through next-generation distribution technology. Over time, I deepened my understanding of global aviation systems, particularly Global Distribution Systems (GDS) and the emerging New Distribution Capability (NDC) standards, and became a key contributor to building scalable, data-driven solutions within this ecosystem.

NexusKite: Airline GDS and NDC Integration Platform for Flight Search and Booking Ecosystem

https://play.google.com/store/apps/details?id=com.farenexusgroup.nexuskite&hl=en_IN

Description: Aviation Distribution is a travel-tech platform enabling seamless flight search and booking through advanced GDS and NDC integrations. It delivers real-time airline content, dynamic offers, and ancillary services on a scalable architecture that enhances efficiency, reduces distribution costs, and improves the traveler experience for agencies and end users.

Key Technologies: Flutter, Firebase, RESTful APIs, ObjectBox.

Key Features:

- Unified Flight Search:** Integrated multiple GDS and NDC airline APIs to deliver real-time flight availability, fares, and ancillaries in a single, seamless interface.
- Dynamic Offer Management:** Enabled airlines and agencies to configure fare families, bundled ancillaries, and personalized offers for travelers.
- Data Efficiency:** Implemented ObjectBox for high-speed local caching and optimized API queries for faster data retrieval.
- Scalability:** Architected the system to handle high traffic and concurrent search volumes without performance degradation.

My Role:

- Managed multiple aviation APIs, including GDS systems (Sabre, Travelport, Amadeus) and NDC integrations (Air Canada, American Airlines).
- Handled fare management logic based on dynamic user configurations and business rules.
- Implemented seat selection workflows for individual users across different airline APIs.
- Managed ancillary services such as baggage, meals, and seat upgrades within the booking flow.

Team Lead at Codenomad

March 2021 — October 2024

Mohali

- I began my journey at Codenomad as a Junior Developer, and over the course of my tenure, I showcased dedication, technical prowess, and strong leadership potential. Through my contributions and commitment, I steadily advanced within the organisation, ultimately reaching the position of Team Lead.

Some of the notable projects I was involved in during this progression include:

RemitAssure: Fintech Application for P2P Remittance Services

<https://play.google.com/store/apps/details?id=com.remitAssure&hl=en>

Description: RemitAssure is a fintech app offering global P2P remittance services. It features a robust, scalable platform with significant cost savings passed on to customers through its lean business structure and exchange rate hedging expertise.

Key Technologies: Flutter, Firebase, Push Notification, RESTful APIs, Pay 2, Pay ID, Payment Gateway Integration.

Key Features:

- Secure Payment Processing:** Integrated Pay 2 and Pay ID gateways to facilitate secure and efficient payment processing.
- User-Friendly Interface:** Designed an intuitive interface to enhance user experience.
- Scalability:** Built a robust platform to handle increasing transaction volumes.

My Role:

- Coordinated directly with the client to gather feedback and implement changes, ensuring the application met client expectations.

- Managed the backend team to make necessary changes in Python APIs and the database, ensuring smooth and efficient functionality.
- Led the development of the application using Flutter, ensuring the implementation of best practices in mobile app development.
- Collaborated with the backend team to design and implement RESTful APIs for seamless communication between the frontend and backend systems.

HDOKI: Fitness Application for Step Tracking and Gamification

<https://play.google.com/store/apps/dev?id=8755513283073455118&hl=en&pli=1>

Description: HDOKI is an innovative fitness app designed to enhance user health and wellness through step tracking and gamification. The app monitors daily steps, keeps a comprehensive record of all previous walks, and incentivizes users with a points system. Users can earn points for each step they take and redeem these points for Solana cryptocurrency. Additionally, HDOKI features a water intake calculator that determines the user's daily hydration needs and sends timely reminders to encourage regular water consumption.

Key Technologies: Flutter, Firebase, Push Notification, RESTful APIs, Google map.

Key Features:

- **Step Tracking:** Accurately monitors daily steps and maintains a detailed record of walking history.
- **Gamification:** Motivates users by awarding points for steps, which can be redeemed for Solana cryptocurrency.
- **Water Intake Calculator:** Calculates daily water intake requirements and provides reminders to ensure adequate hydration.

PlaGo: (Event Planner) Your Ultimate Event Companion

Discover the power of seamless event management with PlaGo, your all-in-one mobile app for creating, organising, and experiencing unforgettable events. From conferences and festivals to workshops and parties, PlaGo empowers event organisers and attendees alike with its intuitive interface and integrated PayPal payment gateway.

Key Technologies: Google maps, Java, Firebase, Push Notification, RESTful APIs, Paypal Payment Gateway Integration.

Key Features:

1. **Effortless Event Creation:** Create events with ease using PlaGo's intuitive event creation tools. Define event details, dates, locations, and ticket options, all in a matter of minutes.
2. **Dynamic Event Listings:** Explore a diverse range of events tailored to your interests. Browse through curated lists of upcoming events, ensuring you never miss out on the experiences that matter most to you.
3. **Secure PayPal Payments:** Experience peace of mind with PayPal's secure payment gateway. Your transactions are protected, ensuring your ticket purchases are seamless and worry-free.

Junior - Mobile App Developer at ABS Systems

September 2019 — March 2020

Mohali

- During my internship with ABS Systems, I specialised in the UI design and user authentication components of mobile app development. Collaborating with the development team, I contributed to crafting visually appealing and user-friendly interfaces while ensuring seamless and secure user authentication experiences. And after a few months the company shut down in COVID.

Intern - Smart Programming

Mohali

During my internship at Smart Programming, I had the opportunity to immerse myself in the world of software development, gaining valuable hands-on experience and insights into various aspects of the field. Collaborating closely with experienced developers, I contributed to projects that enhanced my technical skills and problem-solving abilities.

Education

Bachelor of Computer Applications, Govt College Kullu

2018

I have completed a Bachelor of Computer Applications degree from government college Kullu (Grade 'A' institute accredited by NAAC) Mandi, under Himachal university with CGPA of 7.0.

Skills

Mobile Development: Native Android Development (Java), Flutter, Dart, Kotlin, Android Studio, Xcode.

Version Control & CI/CD: Git, GitHub, CI/CD with Git Actions.

Tools & Platforms: VS Code, Slack, Jira, Trello, Postman, Firebase.

Domain Knowledge: Fintech, Aviation (GDS/NDC Integration), E-Com, Fitness, Event & Lifestyle.