

Salin Manandhar

Mobile Application Developer

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SUMMARY

Mobile Application Developer with 1+ years of experience building and shipping cross-platform mobile applications using Flutter. Shipped 4 mobile apps, with practical experience in Clean Architecture, Modularization, and Provider-based state management. Experienced in integrating RESTful APIs, WebSockets, Firebase Cloud Messaging (FCM), and payment SDKs to build maintainable, production-ready applications. Collaborated with cross-functional teams to turn product requirements into reliable, user-friendly mobile experiences.

SKILLS

Languages: Dart, JavaScript

Mobile Development: Flutter

Architecture: MVVM, Clean Architecture, Modularization

State Management: Provider

Backend & APIs: NestJS, REST APIs, WebSockets

Firebase: Authentication, Cloud Firestore, Cloud Functions, Firebase Cloud Messaging (FCM)

Databases & Caching: PostgreSQL, MongoDB, Redis

Integrations: Payment SDKs

Tools & Version Control: Git, GitHub, Android Studio, Swagger

PROFESSIONAL EXPERIENCE

Mobile Application Developer

Logispark Technologies

Dec 2024 – Present

Teku, Kathmandu

- Developed cross-platform mobile applications for iOS and Android using Flutter, applying scalable architecture and reusable components to deliver maintainable production features.
- Integrated RESTful APIs, WebSockets, Firebase Cloud Messaging (FCM), and payment SDKs to deliver real-time functionality, reliable data synchronization, push notifications, and secure payment workflows.
- Collaborated with backend engineers to define and integrate API schemas, establish efficient data flows, and implement comprehensive error handling across mobile and backend services.
- Maintained and enhanced legacy Flutter codebases, diagnosing and resolving production bugs while refactoring existing components to improve application stability and maintainability.
- Used Git and GitHub for version control, collaborating with the development team through structured code management and feature development workflows.

PROJECTS

Dami Experience

A subscription-based app connecting users with local vendors and offering exclusive discounts.

- Developed cross-platform mobile features using Flutter, delivering a consistent experience across Android and iOS.
- Integrated Firebase Cloud Messaging (FCM) to deliver promotional offers and other user notifications.
- Integrated a payment SDK to support secure subscription payments and recurring membership workflows.
- Implemented application features with a focus on maintainable architecture and responsive user experiences.

LRM (Logispark Resource Management)

Employee management application designed to streamline workforce operations, task management, and internal communication.

- Developed a cross-platform employee management application using Flutter, implementing task management, internal communication, and notification-driven workflows.

- Implemented real-time chat using WebSockets and integrated Firebase Cloud Messaging (FCM) for message, notice, and task-update notifications.
- Implemented offline functionality using Isar, enabling users to access and manage application data without network connectivity.
- Developed Kanban-style task management and notification-based navigation, allowing users to switch task statuses and navigate directly to relevant content from notifications.
- Applied Provider-based state management to maintain predictable application state across core features and improve code maintainability.

SoundMage

Music streaming platform enabling users to discover and stream music and access artist and track information.

- Developed an Android music streaming application using Flutter, applying MVVM architecture to separate presentation and business logic.
- Built backend services with NestJS, integrating MongoDB for data persistence and Redis for caching to improve data retrieval efficiency.
- Integrated the Discogs API to retrieve music and artist metadata and Backblaze B2 for music storage and streaming.
- Implemented background audio playback, enabling users to continue listening when the app is running in the background.
- Applied Provider-based state management to manage application state across music discovery, playback, and streaming features.

EDUCATION

BCA (Bachelor of Computer Application)

National College of Computer Studies

2020 – 2025

Paknajol, Kathmandu