

RAJNISH SHRESTHA

Cross-Platform App Developer

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ABOUT ME

Passionate Flutter developer with experience building scalable mobile applications using Bloc and Firebase. Passionate about writing clean, testable code and solving real-world problems and delivering smooth user experiences.

TECHNICAL SKILLS

Languages

- Dart (Primary)
- Java (Intermediate)
- C (Intermediate)
- PHP (Basic)

Frameworks and tools

- Flutter
- Git & GitHub
- Firebase (Auth, Storage, Firestore)
- Figma (Intermediate)

Databases

- Cloud Firestore
- SQLite
- MySQL

EDUCATION

Bachelor in Computer Application (BCA) | Tribhuvan University
Ratna RajyaLaxmi Campus, Kathmandu, Nepal

2022-Present

School Leaving Certificate (SLC) - Civil Engineering

Nilkantha Secondary School, Dhading, Nepal **CGPA: 3.57/4**

2018-2021

ACADEMIC PROJECTS

Chatting App

Tech Stack: Flutter, Dart, Bloc, Firebase Auth, Cloud Firestore, Cloudinary

- Developed a real-time one-to-one and group messaging application using Firebase Firestore.
- Implemented secure authentication with email/password.
- Added image sharing and cloud storage integration for media messages.
- Managed app state efficiently using Bloc architecture.
- Designed a clean, responsive chat UI with online/offline status tracking.

Ecommerce App

Tech Stack: Flutter, Firebase, BLoC, Khalti payment

- Built a full-featured ecommerce app with product listing, search, and cart.
- Integrated Firebase Authentication for secure user login and registration.
- Implemented payment gateway integration for seamless checkout.
- Applied Bloc state management for scalable and maintainable architecture.

Weather App

Tech Stack: Flutter, REST API, Geolocator,

- Integrated OpenWeatherMap API and visuals adapt dynamically per real-time weather condition (sunny, rainy, stormy).
- Implemented GPS auto-detection with manual city search to minimise redundant API calls.

Notes App

Tech Stack: Flutter, SQLite, CRUD

- Built a fully offline-first note manager with SQLite persistence, tap to edit gestures..

Task Management App

Tech Stack: Flutter, Firebase, BLoC

- Delivered a task management app with task CRUD, Firebase cloud sync, and BLoC state management and swipe-to-delete gesture.

CERTIFICATIONS

- Flutter Framework Training – Broadway Infosys, Kathmandu
- Figma UI/UX Training – Ratna RajyaLaxmi Campus