Pashupati Chaudhary

Flutter Developer | Mobile Application Developer (Android and iOS)
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PROFESSIONAL SUMMARY

Computer Engineering graduate and Flutter developer with production experience in Flutter (Dart) and native Android (Kotlin). At Classic Tech, I build and maintain mobile apps with 110,000+ combined Google Play installs, including payment gateway integrations (eSewa, Khalti, ConnectIPS), native Kotlin platform channels, CI/CD pipelines and Google Play publishing.

TECHNICAL SKILLS

- **Mobile Development:** Flutter, Dart, Android (Kotlin, Java), iOS (Flutter), Android TV D-pad navigation
- **Architecture:** Clean Architecture, MVVM, Repository Pattern, SOLID Principles
- **State Management:** BLoC, Cubit, Riverpod, GetX, Provider
- **Native Integration:** Kotlin platform channels, ExoPlayer, Wi-Fi and optical diagnostics, biometric authentication
- **Payment Gateways:** eSewa, Khalti, ConnectIPS, Fonepay, IME Pay, webhooks
- **CI/CD and DevOps:** Codemagic, GitHub Actions, keystore signing, build flavors, release tracks
- **Testing:** Unit testing, widget testing, integration testing, mock APIs, performance profiling
- **Publishing:** Google Play Console (AAB, policy compliance, phased rollouts), App Store Connect
- **Backend and Cloud:** REST APIs (Dio, interceptors), Firebase (Auth, Firestore, FCM, Storage), WebSockets
- **Local Storage:** Hive, SQLite, Drift, SharedPreferences, offline-first sync
- **Other:** TensorFlow Lite, Python, React, Node.js, Express.js, MongoDB, Git

PROFESSIONAL EXPERIENCE

Mobile Application Developer, Classic Tech

Mar 2026 – Present | Full-time | New Baneshwor, Kathmandu, Nepal

- Build and maintain Flutter and Kotlin production apps with 110,000+ combined Google Play installs: Caro TV Nepal, Classic Tech Customer App, Classic Engine and Dealer Partner.
- Developed and maintained payment gateway integrations with eSewa, Khalti and ConnectIPS for subscription renewals, online recharge and invoice generation.
- Built native Android platform channels bridging ExoPlayer for HLS live IPTV streaming in Caro TV Nepal, with Android TV D-pad remote navigation.
- Built Kotlin platform channels for optical router interfaces, Wi-Fi signal testing and optical power level (dBm) diagnostics on customer devices.
- Set up CI/CD with Codemagic and GitHub Actions (linting, unit tests, keystore signing, dev and prod flavors, Google Play deployment), reducing release turnaround by 65%.
- Implemented offline task caching, auto-sync queues and GPS-based work order routing in Classic Engine for field technicians working in low-coverage areas (10,000+ installs).
- Sole mobile developer of the NNET Customer Self-Care app: built it from scratch and published it to Google Play, covering architecture, UI, REST APIs and store compliance.

Flutter Developer Intern, MindRisers Institute of Technology

Sep 2025 – Feb 2026 | Internship | Putalisadak, Kathmandu, Nepal

- Built cross-platform apps from Figma prototypes using Clean Architecture (Presentation, Domain, Data) and MVVM.
- Used Riverpod for state management, keeping business logic decoupled and widgets testable.
- Implemented English and Nepali localization and integrated REST APIs with Dio, including token refresh interceptors and global exception handling.
- Configured Firebase Authentication (Phone OTP, Google), Cloud Firestore and Cloud Storage; used Hive for offline persistence.
- Took part in sprint planning, daily standups, Git pull request reviews and UI performance profiling.
- Completed 4 months of classroom-based training covering Dart internals, the Flutter rendering pipeline, Clean Architecture, Riverpod, Hive, Firebase and mobile publishing.

PRODUCTION APPS AND PROJECTS

Caro TV Nepal – Live TV and IPTV Streaming App

2023 – 2026 | 1,000+ installs | View on Google Play

Tech: Flutter, BLoC, Kotlin, ExoPlayer, HLS, eSewa, Khalti, Codemagic, GitHub Actions, Android TV

- Built and maintained a live streaming video player handling adaptive HLS feeds for nationwide broadcast channels.
- Developed Kotlin platform channels bridging ExoPlayer for hardware acceleration, low-latency buffer tuning and D-pad remote navigation.
- Integrated eSewa and Khalti payments and wallet recharge for subscription renewals and invoice generation.
- Implemented Electronic Program Guide (EPG), stream quality selector, parental control PIN and low-latency channel switching.

Classic Tech App – Broadband Customer Self-Care App

2023 – 2026 | 100,000+ installs | View on Google Play

Tech: Kotlin, Android, MVVM, REST APIs, eSewa, Khalti, ConnectIPS, Codemagic, GitHub Actions

- Contributed to core modules of the flagship customer support app serving 100,000+ broadband subscribers across Nepal.
- Integrated eSewa, Khalti and ConnectIPS for automated renewals, online recharge and invoice downloads.
- Built Kotlin platform channels for network interface queries, Wi-Fi router signal diagnostics and bandwidth speed tests.
- Configured build flavors and CI/CD pipelines for QA testing and Play Store releases.

Classic Engine – Field Technician Operations App

2023 – 2026 | 10,000+ installs | View on Google Play

Tech: Flutter, BLoC, Clean Architecture, Google Maps API, REST APIs, offline caching

- Engineered the field operations workflow for FTTH technicians: installations, work orders and on-site troubleshooting.
- Integrated optical power level testing (dBm diagnostics), router configuration validation and GPS-tagged customer visits.
- Implemented offline task caching and an auto-sync queue for areas with intermittent cellular coverage.

Dealer Partner – Agent Referral and Commission Platform

2023 – 2026 | 1,000+ installs | View on Google Play

Tech: Flutter, GetX, Google Maps API, REST APIs, biometric authentication

- Architected partner onboarding workflow, KYC document verification and a multi-tier commission ledger.
- Integrated Google Maps API for customer lead tagging, coverage lookup and territory assignment.
- Developed real-time commission balance tracking, referral status timeline and biometric authentication for payout authorizations.

NNET – ISP Customer Self-Care App (Sole Mobile Developer)

2026 | View on Google Play

Tech: Flutter, BLoC, Clean Architecture, REST APIs, eSewa, Khalti, biometrics, WebSockets, Firebase, push notifications

- Architected, developed from scratch and deployed the production app to Google Play.
- Implemented bill payments (eSewa, Khalti), plan renewal and statement history.
- Built optical router diagnostics, real-time ticket filing, live chat and outage push notifications.
- Built modular BLoC state management and a REST API client with error recovery and session caching.

SheGuidesMe – Travel and Local Guide Marketplace App

2025 – 2026 | View on Google Play

Tech: Flutter, Riverpod, Firebase, REST APIs, in-app chat, Google Maps API

- Contributed to a cross-platform app connecting travelers with verified local guides.
- Built real-time chat, push notifications and contact coordination modules.
- Implemented location-based discovery, verified profile badges, ratings and reviews, and a secure booking flow.

Totto – Community Buy and Sell Marketplace App
2025 | *View on Google Play*
Tech: Flutter, Riverpod, Firebase, REST APIs, WebSockets, Django REST
- Built a buy and sell app with real-time buyer-seller chat and price negotiation.
- Implemented Phone OTP verification and Google Sign-In.
- Delivered category filters, instant listings and English/Nepali localization; integrated a Django REST backend for notifications and listing persistence.

LeafCare – Plant Disease Detection (Final Year Project)
2024 – 2025 | *View on GitHub*
Tech: Flutter, TensorFlow Lite, CNN, Python, Keras, Cloud Firestore
- Trained a CNN on plant leaf disease datasets and converted it to TensorFlow Lite for offline on-device inference.
- Built the Flutter app for leaf photo diagnosis with remedies, plus an agricultural eCommerce module.
- Used Cloud Firestore for catalog management, order tracking and diagnosis history.

HomeLink – Real Estate Discovery Web Platform
2024 | *View on GitHub*
Tech: MongoDB, Express.js, React, Node.js, JWT, REST APIs
- Built a property marketplace for owners, agents and tenants with multi-parameter search (price, location, bedrooms, amenities).
- Implemented JWT authentication, protected routes and image uploads; designed MongoDB schemas for geospatial queries.

Ecommerce App – Mobile Shopping Application
2024 | *View on GitHub*
Tech: Flutter, Riverpod, Firebase Auth, Cloud Firestore, Cloud Storage
- Built product browsing, search, category filters, real-time cart, wishlist and stock management.
- Integrated email/password and Google Sign-In with protected checkout.

Recipe App – Recipe Discovery Mobile App
2024 | *View on GitHub*
Tech: Flutter, Firebase, Cloud Firestore, REST APIs, offline caching
- Built ingredient-based recipe search, step-by-step cooking mode with timers, and cloud-synced bookmarks.
- Implemented local caching for offline recipe access.

EDUCATION

Bachelor in Computer Engineering, Nepal Engineering College (Pokhara University)
Jul 2021 – Aug 2025 | *Changunarayan, Bhaktapur, Nepal*
- Coursework: Software Engineering, Data Structures and Algorithms, Operating Systems, DBMS, Networks, Machine Learning.

+2 Science (NEB), White House Secondary School
Apr 2018 – Apr 2020 | *Khumaltar, Lalitpur, Nepal*
- Physics, Chemistry, Mathematics, Computer Science.

CERTIFICATIONS

- Professional Flutter and Dart Apprenticeship Certification, Mind Risers Consortium, 2025. Credential ID: MR-81031-FL | Verify Credential Online

LANGUAGES AND AVAILABILITY

- Languages: English (professional working proficiency), Nepali (native), Hindi (proficient)
- Availability: Full-time, hybrid, remote or on-site in Kathmandu. Authorized to work in Nepal; open to international relocation.