

BIMAL KHATRI

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SOFTWARE DEVELOPER

Senior Mobile Application Developer with 4+ years of experience delivering high-quality, scalable, and visually polished Flutter applications for Android and iOS. Skilled in clean architecture, SOLID principles, multi-pattern state management (BLoC, GetX, Provider, MobX), CI/CD automation, custom authentication flows, and offline-first engineering. Experienced in building apps across e-commerce, calendars, radio streaming, HRM systems, and platform wrappers. Strong collaborator with deep expertise in API integration, performance optimization, Firebase services, and full deployment lifecycle.

EDUCATION

Informatics College (London Metropolitan University) - Pokhara
Bachelor of Science in Computing (Honours)

January 2021 - September 2023
- First Class Honors

Sagarmatha Higher secondary school - Pokhara
Higher Education (Science)

April 2018 - April 2020
- A Grade

Nepal APF school - Kathmandu
Schooling (SEE)

April 2015 - April 2018
- A Grade

PROFESSIONAL EXPERIENCE

YHH IT Solutions Pvt. Ltd - Pokhara
Senior Mobile Application Developer

March 2025 - Current

Led the architecture, development, and deployment of multiple production-grade Flutter applications across Android and iOS, adhering to clean architecture and SOLID principles. Delivered high-performance apps with scalable state management, robust authentication flows, and optimized user experiences.

Accomplishments:

- Implemented BLoC architecture across major projects for clean state separation and predictable behavior.
- Built and maintained custom Google & Apple OAuth authentication modules.
- Developed a web-to-app wrapper system, enabling organizations to convert their platforms into branded mobile apps.
- Implemented CI/CD pipelines using GitHub Actions, with hands-on experience in Codemagic and Shorebird for incremental updates.
- Used Hive for fast, encrypted local storage and offline-first capabilities.
- Implemented modular project structures following Clean Architecture + SOLID principles.
- Published and maintained apps on both the Google Play Store and Apple App Store across all client projects.

Thoplo Technology - Remote
Senior Flutter Developer

April 2024 - April 2025

Developed scalable, high-quality mobile apps for international clients using multiple state management styles and advanced Flutter techniques.

Accomplishments:

- Delivered projects using BLoC, MobX, and Provider, selecting the architecture best suited for each project.
- Integrated Firebase services including Messaging, Firestore, offline syncing, and App Distribution for testing pipelines.
- Implemented offline-first application flows with Drift (Moor) for structured local databases.
- Managed advanced routing using go_router for scalable navigation systems.
- Built CI/CD pipelines using GitHub Actions, improving delivery speed and team productivity.

Aarambha IT Research Center Pvt. Ltd - Pokhara
Senior Flutter Developer

August 2023 - May 2024

Developed high-performance applications using Flutter, integrating advanced architecture and delivering secure, production-ready apps

Accomplishments:

- Integrated Django Python REST APIs for backend communication in mobile applications.
- Implemented Firebase for analytics, crash reporting, and push notifications across web and mobile platforms.
- Led CI/CD implementation to automate build, test, and deployment processes for efficient project delivery.
- Deployed applications to both App Store and Play Store, ensuring compliance with platform guidelines.
- Utilized Android Studio, Xcode, Visual Studio, and Figma for UI/UX design and development.
- Managed version control using Git, GitLab organizing modifications and facilitating collaborative coding efforts.

Skybase Innovations - Pokhara
Mobile App developer

April 2023 - August 2023

Worked on cross-platform Flutter applications with efficient state management and optimized performance.

Accomplishments:

- Utilized GetX for state management, routing, and dependency injection to build modular and scalable applications.
- Implemented smooth, performance-first UI with strong widget optimization.
- Improved code quality and reliability through clean state flows and reusable modules.

Black Tech - Pokhara
Quality Assurance

April 2022 - July 2022

Executed testing workflows for RestroX, a complete restaurant management system, improving overall product stability.

Accomplishments:

- Improved defect detection by 25% through meticulous testing strategies.
- Automated key testing procedures, reducing manual effort and increasing efficiency.
- Provided valuable feedback that contributed to smoother product releases.

PROJECTS

Digital Patro (Nepali Calendar)

- Multi-calendar support, event management, rich UI, and optimized performance.

Rudrakx

- Multi-calendar support, event management, rich UI, and optimized performance.

Cashmere Store

- Online store for cashmere and handmade products.

Digital Radio

- Streaming platform for national and international radio stations with background playback.

Clean Sudoku

- A clean-architecture Sudoku app with a minimalistic UI.

Gifty Point

- Multi-category gifting and products marketplace

SplitEasy

- The "Split Easy" app facilitates seamless money splitting among multiple users. It includes features for managing expenses, calculating shares, and ensuring accurate financial transactions.

Pokhara Rojgar

- The "Pokhara Rogjar" app serves as a platform by Pokhara Metropolitan for job postings and training opportunities.

Sajilo Notes

- The "Sajilo Note" app is designed to provide university students with access to course notes and educational resources.

Aarambha HRM

- Developed as a comprehensive management system using Firebase for analytics, Flutter for the frontend, and Django for the backend, the "Aarambha HRM" app enables organizations to manage attendance, track activities, and oversee tasks seamlessly.

CV Maker

- Designed to create professional resumes and CVs, the "CV Maker" app provides users with tools to easily format and customize their job application documents.

Background Remover and Photo Cropper

- The "Background Remover and Photo Cropper" allows users to crop images to custom sizes or specific professional passport requirements. It also features a background removal tool for seamless editing.

Saral Connect

- Saral Connect is a comprehensive school management system featuring separate modules for students, teachers, and drivers, facilitating efficient management and communication within educational institutions.

Restrox

- Restrox is a comprehensive restaurant management system designed to streamline operations, enhance customer service, and manage various aspects of restaurant business operations.
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STRENGTHS AND EXPERTISE

Efficient problem-solving
Strong architectural thinking
Collaborative and client-focused
Clean and maintainable coding style
Reliable delivery and time management

TECHNICAL SKILLS

Languages : Dart, Python, Java Script, Php
Frameworks : Flutter, Django, React, Laravel
State Management : Flutter, Django, React, Laravel
CI/CD : GitHub Actions, Codemagic, Shorebird
Firebase : Messaging, Firestore, Storage, App Distribution
Tools : Android Studio, VS Code, Xcode, Figma, Postman, Swagger
Others : Clean Architecture, SOLID, REST APIs, GraphQL, OAuth

LANGUAGES

Native : Nepali
Proficient : English
Conversational : Hindi

REFERENCE

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Summit Pathak (Tech Lead)

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