

ROSHAN SHRESTHA

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Summary

Results-driven Flutter Developer with a track record of over three years in cross-platform app development for mobile, web, and desktop. Proven expertise in leading teams, fostering collaboration, and delivering innovative solutions. Proficient in transforming design concepts into high-quality user interfaces with a keen focus on enhancing user experience. Accomplished in both on-site and remote environments, with successful app deployments on App Store and Play Store. A passionate learner staying abreast of emerging trends, committed to code excellence, and adept at recommending and implementing improvements.

Education

Lambton Collage Post-Graduate Diploma

Post graduate diploma in Full-Stack Software Development

Expected Graduation: 2025

University of Bedfordshire Undergraduate Degree

Undergraduate level in BSc (Hons) Computer Science & Software Engineering with First- class honors.

October 2017 - October 2020

Programming Languages and Tools

- **Advanced:** Flutter, Dart, Firebase, REST APIs, GIT, BITBUCKET, JIRA
- **Intermediate:** HTML, CSS, JavaScript, PL/SQL, JAVA, Python
- **Beginner:** Swift, SwiftUI, NextJs, C#, AWS

Flutter Skills

UI/UX:

- Animations
- Custom Paint
- Material Design
- Cupertino Design
- Theming

State Management:

- Bloc
- Riverpod
- GetX
- Provider

Routing:

- Auto-route
- GO-route
- Material Router 2.0

Data Management:

- Hive/Isar
- Shared Preferences
- ObjectBox
- Firestore

Communication:

- Cloud Messaging
- In-App Messaging
- Dynamic Links
- Remote Configs

Authentication:

- Firebase Auth
- JWT
- OAuth

Networking:

- Web Sockets
- REST (Dio, Chopper, HTTP, etc.)

CI/CD:

- Github Actions
- Codemagic

Testing and Analytics:

- Unit Test
- Widget Test
- Firebase analytics
- Firebase crashalytics

Work Experience

Fourth Valley Concierge Corporation (Tokyo, Japan)

Mobile Engineer (Remote) | March 2022 - November 2023

- Collaborated with the team to ideate and implement innovative features, contributing to the enhancement of product functionality.
- Resolved bugs to ensure optimal performance and responsiveness, maintaining a high standard of application quality.
- Transformed designs and wireframes into polished user interfaces, placing a strong emphasis on prioritizing the overall user experience.
- Worked closely with cross-functional teams to define, design, and implement new features, integrating third-party API services and deploying regular updates for Android and iOS apps.

Fawesome Apps (Kathmandu, Nepal)

Flutter Developer (Hybrid) | September 2020 - February 2022

- Designed, developed, and maintained high-performance mobile applications with Flutter, emphasizing quality and responsiveness.
- Led teams of up to three trainees, overseeing project development and ensuring excellence in execution.
- Proficiently troubleshooted, debugged, and integrated RESTful APIs, ensuring seamless data communication between mobile applications and back-end systems.

Chaitanya Designs Pvt. Ltd. (Lalitpur, Nepal)

Flutter Developer (On-site) | June 2019 - August 2020

- Produced efficient, clean, and reusable code using Flutter and Dart for mobile applications.
- Maintained code quality, organization, and automation, ensuring streamlined development processes.
- Designed UI interfaces using Flutter, contributing to a visually appealing and user-friendly app experience.
- Integrated third-party APIs and other services, enhancing the functionality of mobile applications.
- Regularly created new releases and deployed mobile apps, adhering to scheduled intervals.

Achievements

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- Winner at hackathon organized by Cloud-Factory.
 - Speaker at Flutter Pokhara Event.

Involved Projects

Fonepay Business App

- Developed mobile banking app for secure QR code payments at merchant outlets, enhancing digital payment services.

Fonepay Offer App

- Led development of Fonepay Offer App, providing instant information on categorized discount offers at various outlets and events in Nepal.

LOXODO

- Contributed to warehouse management app, streamlining inventory control through efficient item code scanning.

Connect Job Workers

- Headed development of job search app for skilled foreign workers under the Tokutei Ginou program, facilitating matches with Japanese companies.

NIHONGO

- Played a key role in creating NIHONGO, a mobile app for learning Japanese language and culture through videos, vlogs, and vocabulary practice with JLPT mock tests.

Personal Interest

As a dedicated learner and enthusiast in the realm of Flutter and Dart, I actively contribute to the community by sharing insights through published articles. I delve into diverse aspects of these technologies, offering valuable perspectives on best practices, emerging trends, and efficient development techniques.

Beyond code, I firmly believe in the power of knowledge-sharing as a catalyst for collective growth and skill enhancement. In my spare time, I engage in writing as a fulfilling endeavor, intending to contribute to the long-term progression of the developer community. I've shared my expertise through articles like:

- [Flutter Flavor: Separating Build Environments in Flutter Apps](#)
- [Flutter Version Management: Easiest Way to Manage Multiple Flutter SDK Versions Through Simple CLI](#)

These articles reflect my commitment to knowledge dissemination and passion for fostering growth within the tech community. I believe that continuous learning and open sharing of experiences are integral to the evolution of our field.