



Suraj Shrestha

Software Engineer | Mobile Application

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 <https://surajshr.github.io/>

Experienced Mobile Application Developer with 3 years of expertise in building scalable mobile application. Proficient in Dart, Kotlin, and frameworks like Flutter and Jetpack Compose, with strong knowledge of GraphQL, Firebase, REST APIs, and Bluetooth technologies. Skilled in state management (BLoC, Riverpod, GetX) and leading projects from architecture to deployment, focusing on performance, security, and user-centric design. Experienced in IoT and real-time data solutions.

EXPERIENCE

Mobile Application Developer (Flutter/Dart)

Lalitapur, Nepal

EKbana Solution Pte. Ltd.

Mar, 2024 - Present

- Engaged in Bluetooth Low Energy (BLE) communication to interface with IoT devices, ensuring robust data transmission and health data tracking.
- Developed and implemented an employee management system for a US-based client, using Identity Server for authentication and RESTful APIs for backend services.
- Led the complete lifecycle of a solo project, from planning and architecture to development and deployment, managing all aspects of development independently.
- Collaborated with a cross-functional team on an IoT-based health monitoring system, utilizing Bluetooth technology to track real-time health metrics such as heart rate and respiratory data.
- Integrated Supabase as a backend service for real-time data storage and synchronization for the IoT health tracking platform.
- Worked in a team-based environment to coordinate development efforts and ensure seamless communication across multiple team members.
- Contributed to the development of e-commerce applications such as Merokinmel, Farmshop, and KFC Nepal.

Mobile Application Developer (Flutter/Dart)

Kathmandu, Nepal

Click and Press Pvt. Ltd

Oct, 2022 - Jun, 2024

- Enhanced app stability, reliability, and performance through rigorous testing, bug fixing, and improvements in projects like Songs Nepal and goodVibes applications.
- Implemented tools such as Algolia, CleverTap, and Mixpanel to enhance application personalization and facilitate streamlined analytics.
- Utilized GraphQL and RESTful API for enhanced app functionality and seamless integration with external services.
- Successfully Integrated payment gateways such as GPay, Stripe, Khalti, and Apple Pay for seamless transaction processing and enhanced user payment options.
- Integrated Firebase services for authentication, database management, and push notifications.
- Practiced Agile framework for efficient project management and collaborative development.
- Utilized Git for version Control and CodeMagic for CI/CD.

Mobile Application Developer (Internship)

Kathmandu, Nepal

Citytech

May, 2022 - Sep, 2022

- Created a mobile-responsive UI that delivers an optimal user experience across a wide range of devices and screen orientations.
- Implemented Bloc pattern for modular code structure, streamlined state management, and enhanced testing capabilities.
- Implemented clean code with MVC architecture for structured and maintainable development, enhancing re-usability and scalability.
- Participated in regular meetings and provided valuable insights on app development and optimization.

EDUCATION

BIT (Bachelor of Information Technology)

Kathmandu, Nepal

Aryan School of Engineering and Management

Jan, 2017 - Jan, 2022

+2 (Management)

Bhaktapur, Nepal

PROJECTS

Merokinmel

Mero Kinmel is a food delivery service in Chitwan and Butwal, connecting you with nearby restaurants for quick, quality meals delivered to your home or office.

Android:

<https://play.google.com/store/apps/details?id=com.merokinmel.order&hl=en&pli=1>

IOS:

<https://apps.apple.com/np/app/mero-kinmel/id1447945641?platform=iphone>

GoodVibes

Good Vibe is a meditation-focused application designed to promote relaxation and mindfulness.

Android:

<https://play.google.com/store/apps/details?id=com.goodvibes&hl=en>

IOS:

<https://apps.apple.com/us/app/good-vibes-binaural-beats/id1454917657>

CityPay

CityPay is a money transfer application.

Android :

<https://apps.apple.com/np/app/citypay-nepal/id1643110573>

IOS:

<https://play.google.com/store/apps/details?id=com.ctxpress.citypay>

KFC Nepal

KFC Nepal is the official food ordering app that lets you easily order your favorite KFC meals for delivery or pickup

Android:

<https://play.google.com/store/apps/details?id=com.ordering.kfcnepal&hl=en>

IOS:

<https://apps.apple.com/us/app/kfc-nepal-ordering-app/id6670188548?platform=iphone>

Foodmood

Foodmood is Pokhara's first and most trusted online food ordering and delivery service provider, a single platform for ordering food from a list of restaurants and delivering it to the customers at their doorsteps.

Android:

<https://play.google.com/store/apps/details?id=com.ordering.foodmood&hl=en>

IOS:

<https://apps.apple.com/us/app/foodmood-nepal/id1621459534>

TRAINING/CERTIFICATIONS

Mastering your Leadership

2021

CloudFactory

Empowered me to build my leadership skills, fostering successful teams and contributing significantly in diverse contexts.

Introduction to Git and Github

2021

Courcera

Understanding about the version control fundamental tool for coding and collaboration.

SKILLS

Dart and Flutter, Kotlin and Jetpack Compose, firebase, Git / Github / GitLab, State Management (Riverpod,Bloc,GetX), SQL, NoSQL DB, RESTful API, GraphQL, Web Socket

LANGUAGE

Nepali, Hindi, English

