

SIJAN POUDEL

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EDUCATION

Nepalaya college

Kathmandu, Nepal

Bachelors in Computer Science and Information Technology

Cumulative percentage : 69.19%

01/2021- 03/24

Relevant coursework : object oriented programming, data structure and algorithms, theory of computation, discrete maths, statistics, linear algebra

WORK EXPERIENCE

3Bird

Netherlands | Remote

Software Engineer

10/2024- present

- Led the end-to-end development of a mobile application, overseeing architecture, coding, and deployment to production
- Reduced bug reports by 50% by implementing unit and integration tests
- Enhanced app performance by 20% through efficient memory management and optimized API calls

Kotuko

Kathmandu, Nepal | hybrid

Mobile app developer

04/2021 - 09/24

- Developed and deployed new app modules, including payment, chat, and authentication, contributing to a 15% increase in user growth
- Enhanced app performance by 20% through architectural improvements and optimized caching
- Boosted user engagement time by 25% by implementing subtle animations and an intuitive UI

PROJECTS

BicoccApp (University Portal mobile application) - [View in App Store](#)

- Technologies used: Flutter , Xcode, Firebase, Swift, Push Notification, REST APIs
- Engineered and deployed essential app features, ensuring a smooth release on both the App Store and Play Store
- Enhanced user engagement by 15% through adding new user onboarding flow
- Optimized app architecture and caching strategies, improving performance by 20%

R-Kare (Healthcare application) - [R-kare - Apps on Google Play](#)

- Technologies used: Flutter , Xcode, Firebase, Deep linking, Swift, Chat, REST APIs
- Developed the application from scratch including all the core features like Authentication, File and Voice message upload, Appointment booking, User Survey and Others
- Implemented Streams for timely communication between patients and radiotherapy personnel
- Implemented encryption and hashing for securing critical user health data

SKILLS

Programming: Swift, SwiftUI, Kotlin, Java, UIKit, Flutter/Dart

Technical/Programmatic: DSA, Statistics , Version control (Git), UI/UX, Firebase

Interests: Sports, Outdoor Activities