Sandesh Khadka

Software Developer

✉ ksandesh283@gmail.com 📞 9861343700 📍 Sukedhara, Kathmandu

PROFILE

Skilled developer specializing in Flutter and web development, with expertise in HTML, CSS, JavaScript, React, Node.js, and PHP. Experienced in building responsive, user-friendly apps and creating high-quality video content. Always eager to learn and adopt new technologies to deliver innovative solutions.

PROFESSIONAL EXPERIENCE

Software Developer   05/2024 – present
Kathmandu-Terai/Madhesh Fast Track Project   Kathmandu, Nepal
- Built scalable web apps with **Laravel, React, and Node.js**, developed cross-platform Flutter apps, and optimized app performances on **IIS, Apache, and Nginx servers** for users, improving performance by **35%**.
- Automated CI/CD pipelines **(Github CI/CD)** to reduce release cycles from 4 weeks to 6 days, and managed **Git workflows** with feature branching and code **reviews**, cutting merge conflicts by **30%**.
- Reduced **XSS** and **SQL injection** vulnerabilities by **60%** through **OWASP** standards, boosted throughput by **30%** via query optimization, and blocked malicious requests with **CSRF** protection on critical APIs.

Application Developer   02/2023 – 08/2023
Convergestack   Kathmandu, Nepal
- Developed an office attendance app using **Flutter** for offline check-in/out, integrated **Supabase** for authentication, real-time databases, and file storage with **RESTful API** and Realtime data sync.
- Set up **CI/CD pipelines** with **GitHub Actions** for iOS/Android app deployment, component-based Flutter apps with animations, **BLoC** for state management, optimized data load by **20%** with **Dio**, and Git for version control.
- Managed iOS and Android **certificate/signing processes**, deployed multiple product flavors **(Development, Production, Staging)** to **TestFlight** and Internal Testing, ensuring smooth app delivery and compliance with platform guidelines.

Mobile Application Developer   10/2022 – 02/2022
Sahara-Ride Sharing App   Kathmandu, Nepal
- Designed and built Flutter apps **(e-commerce, event booking)** from wireframes to production, integrating RESTful **APIs (Dio)** and state management (**Provider**) for features like real-time tracking, reducing data load times by **20%**.
- Integrated **Firebase** for real-time **notifications** and **Google/Apple authentication** for seamless login, while implementing **eSewa and Khalti SDKs** for secure in-app payments.

Backend Developer (Internship)   04/2019 – 09/2019
Vurung Technologies   Kathmandu, Nepal
- Developed backend features with **PHP** and **Laravel**, creating **RESTful APIs** for frontend integration, collaborating with frontend teams on dynamic content display, and testing APIs with **Postman**, reducing integration errors by **30%**.

PROJECTS

Booking Sewa
To allow users to browse, select, and book tickets for various events happening around them.

T mart
To provide users with a convenient platform to browse, purchase, and track products across multiple categories.

Sajilo Notifier
Maps based application

Attendance Application
Office attendance system for employees

EDUCATION

Bsc.CSIT   2018 – 2023
Amrit Science Campus   Kathmandu, Nepal

Science +2   2016 – 2018
Makwanpur Multiple Campus   Hetauda, Nepal