

NIMESH REGMI

Full Stack Engineer · Mobile Developer · AI/ML Practitioner

+977-9814062946 | regminimesh7@gmail.com | regminimesh.com.np | LinkedIn | GitHub | LeetCode

PROFILE SUMMARY

Full Stack Engineer with **3+ years** shipping production systems across **financial, fitness, and field operations verticals**. **Sole engineer** behind Sun Life Insurance Nepal's entire accounting platform (FP, RP, Vouchers, Reports); shipped **3 live mobile apps** on iOS/Android; architected multi-tenant SaaS onboarding **10+ enterprise clients**. Deep full-stack proficiency: Next.js, Django, ASP.NET Core, Flutter, SQL Server, and ML pipelines.

PROFESSIONAL EXPERIENCE

InsureTech — insurtechnepal.com

Full Stack Engineer

Mar 2025 – Present

Kathmandu, Nepal

- **Sole engineer** for the end-to-end **Accounting Module** of SunConnect (Sun Life Insurance Nepal's core platform) — independently delivering frontend, ASP.NET Core APIs, and all SQL Server stored procedures.
- Engineered **First Premium (FP) collection** handling **100+ daily transactions**: Zod-validated multi-step forms + stored procedure logic for premium calculation, **reducing agent processing time by over 60%**.
- Built **Renewal Premium (RP) system** with due-date tracking and automated status transitions — **reducing premium lapse processing by over 40%**, saving **8+ hrs/week** of manual finance work.
- Developed **Voucher management** (generation, multi-level approval, audit trails) and **dynamic financial reports** — replacing fully manual spreadsheet processes for the finance team.
- Built **6-step KYC and Policy Proposal workflows** with conditional field rendering and state persistence; designed **dynamic RBAC** with zero hardcoded role logic across agents, supervisors, and admins.

BabalCloud — babalcloud.com

Full Stack Web & Mobile Engineer (Part-Time)

Nov 2023 – Present

Kathmandu, Nepal

- Architected **multi-tenant SaaS platform** with dynamic RBAC engine — onboarded **10+ enterprise clients** with isolated data, custom roles, and org-scoped permissions; **designed stateless APIs with DB connection pooling**, enabling horizontal scaling to support 10x client growth without infrastructure changes.
- Designed real-time communication system for **GymTaar** (gymtaar.com | iOS | Android) using **WebRTC and Firebase**; built secure auth, chat, and push notifications in Flutter/BLoC — serving **500+ active users** live on both stores.
- Built **Forest Nepal** (Play Store) for Forest Nepal Pvt. Ltd. — deployed to **50+ field officers**, offline SQLite collection syncing **1,000+ records/session** to Firebase in zero-connectivity environments; **designed for horizontal scalability** with stateless APIs and DB connection pooling, architected to support 10x user growth without infrastructure changes.
- Shipped **Entrance Dose** (Flutter, 1,000+ students): offline modules, adaptive quiz engine, cloud sync; built **GymTaar Admin Dashboard** (Laravel, React) for billing, membership, and real-time revenue analytics.

Freelance Software Engineer

Web, Mobile & AI Solutions

2022 – 2023

Remote

- Delivered **10+ production apps** (Django, React, Flutter, PostgreSQL) across e-commerce, logistics, and education verticals.
- Built ML pipelines for time-series forecasting and NLP translation APIs (TensorFlow, HuggingFace) — **cutting client manual reporting effort by over 70%**. Contributed bug-fix PRs to open-source Django and Flutter packages.

KEY PROJECTS

Sunlife SunConnect | *Next.js, React Hook Form, Zod, ASP.NET Core, SQL Server* | [Live](#)

2025

- Sole engineer for FP/RP processing, Vouchers, and financial reports on Sun Life Nepal's core platform — full stack from React UI to stored procedures, **handling 100+ daily financial transactions**.

GymTaar | *Flutter, Firebase, WebRTC, BLoC, Laravel, React* | [Web](#) | [iOS](#) | [Android](#)

2025

- **500+ users**: WebRTC video, real-time chat, secure auth on mobile + web admin dashboard for gym operators — shipped end-to-end, live on App Store and Google Play.

- **50+ field officers, 1,000+ records/session:** offline SQLite collection with automatic backend sync and conflict resolution for zero-connectivity field operations.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Dart, SQL, C++

Frameworks: React, Next.js, Django REST Framework, ASP.NET Core, Laravel, Flutter

Infrastructure: PostgreSQL, SQL Server, Firebase, Docker, GitHub Actions, CI/CD, Linux, Vercel

Architecture: Multi-Tenant SaaS, Dynamic RBAC, Offline-First Sync, REST API Design, Financial Workflow Systems

AI / ML: TensorFlow, PyTorch, HuggingFace Transformers, NLP, Computer Vision, Time-Series Forecasting

DSA: LeetCode — 400+ problems solved (150+ Medium, 60+ Hard); strong in Trees, Dynamic Programming, Graphs, and Sliding Window

EDUCATION

Bachelor of Science in Computer Science and Information Technology

2021 – 2025

Tribhuvan University

Kathmandu, Nepal

- **Coursework:** Data Structures & Algorithms, Operating Systems, Database Systems, Distributed Systems, Machine Learning
- **Certifications:** Meta Front-End Developer (Coursera) · DeepLearning.AI TensorFlow Developer · Django REST Framework (Udemy)