

PHURBA GYALZEN SHERPA

Software Developer | Django | Node.js | NestJS | PostgreSQL | Docker

Kathmandu, Nepal

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Professional Summary

Results-driven Software Developer with 2.5+ years of experience building robust, scalable, and secure backend systems. Skilled in Python (Django), JavaScript/TypeScript (Node.js, NestJS), PostgreSQL, and Docker. Experienced in fintech, education tech, and CRM platforms. Currently contributing to a cross-border remittance platform (RPS Remit) that enables seamless money transfers from Japan to Nepal and Sri Lanka.

Work Experience

- **Backend Developer & Development Manager – RPS Remit**

Kathmandu, Nepal | April 2024 – Present

Tech Stack: Django, PostgreSQL, REST API, SOAP, Docker, Celery, Redis, Git, Jenkins

- Developed and maintained backend services for a cross-border remittance platform enabling money transfers from Japan to Nepal and Sri Lanka.
- Integrated SOAP APIs provided by banking agents for KYC, payout, and transaction validation.
- Communicated closely with financial partners and bank agents to resolve API-level integration issues and align on compliance standards.
- Implemented KYC logic to ensure regulatory compliance and secure transactions.
- Optimized high-volume database operations for fast lookup and transaction tracking.
- Coordinated with frontend/mobile teams to deliver consistent and reliable user experiences.
- Led the mobile development team, overseeing project timelines, task management, and technical guidance.

- **Backend Developer – StoryWorld Edtech**

Kathmandu, Nepal | Dec 2022 – March 2023

Tech Stack: NestJS, PostgreSQL, TypeORM, Docker, Passport.js, JWT, Stripe

- Developed APIs for teacher and parent portals using NestJS and PostgreSQL.
 - Integrated Stripe for subscription billing and payment management.
 - Built Clever SSO integration for schools in the US using OAuth2-based passport strategy.
 - Developed custom CRM features and integrated with HubSpot API using access tokens.
 - Managed database migrations, seeds, and optimized entity relationships.
- **Junior Django Developer – AgriSeed Management System (Internship)**
Kathmandu, Nepal | Sep 2022 – Nov 2022
Tech Stack: Django, SQLite, Bootstrap
 - Designed and developed an internal web app for tracking seed inventory, sales, and billing.
 - Handled CRUD operations for farmers and retailers, implemented reporting module.

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL

Frameworks: Django, FastAPI, NestJS, Express.js

Databases: PostgreSQL, MySQL, SQLite

Tools & Services: Docker, Redis, Celery, Git, Stripe, HubSpot, Passport.js, JWT

Others: API Integration, Authentication, Microservices, RESTful APIs, Data Seeding

Education

Bachelor of Science with Honours in Computing

First Class Honours

Softwarica College of IT and E-commerce, 2022

Project Highlights

- RPS Remit (Fintech): Cross-border remittance app from Japan to Nepal & Sri Lanka.
- UPM (Edtech): Clever SSO login, Stripe billing, HubSpot contact creation, parent-teacher portal.
- Mero Share Bot: Personal script to auto-apply for IPOs on MeroShare and notify via Telegram.
- CRM with FastAPI: Lightweight CRM built with FastAPI for internal lead tracking.

Languages

English – Fluent and Nepali – Native