Subrata Pramanik

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EXPERIENCE

Paramantra | Software Engineer 03/2026 – Present

Payment Integration (Multi-Tenant) *— Razorpay, Cashfree, Webhooks, REST API*

- Built a multi-tenant payment module supporting multiple gateways (**Razorpay**, **Cashfree**) on one platform, with per-tenant gateway credentials and a customizable checkout/payment configuration.
- Handled order creation, payment verification, and **webhook** processing with status mapping to update payment and order status in the CRM.

Telegram Calling *— Node.js, Express, NTgCalls, WebSocket (ws), Authentication*

- Developed a **Node.js–Express bridge server** using **NTgCalls** and **ws** to place and manage Telegram calls over WebSocket for CRM users.
- Implemented complete **authentication** flow, supporting **multiple tenants with multiple Telegram numbers**, each with isolated sessions.

Logistics Module *— CodeIgniter 2, Webhook, REST API*

- Managed a centralized logistics module for multiple tenants, where vendors and e-commerce customers use **Shiprocket**, **Delhivery**, and **FedEx** from a single platform, including pickup location management.
- Handled order creation, courier selection, shipment creation, AWB generation, and tracking; used **webhooks** and status mapping to update shipment status and the corresponding lead status in the CRM.

CRM Integration & Customization *— PHP, CodeIgniter 2, MySQL, OAuth 2.0, Webhook, REST API*

- **QuickBooks:** Integrated via OAuth 2.0 and REST APIs; bidirectional sync of Customers, Products, Estimates, Invoices, and Payments, including multi-currency support.
- **Email Campaign:** Integrated **SendGrid** for campaigns to customers and leads, with **campaign tracking** (delivery, opens, clicks, unsubscribes) updated in the CRM.

Encoders | Web Developer 09/2024 – 02/2026

Project-k (Multi-Tenant SaaS Web Application) *— PHP, Laravel 10, MySQL, Firebase*

- Worked on an extensive **SaaS-based** project using PHP, Laravel 10, and MySQL following the MVC pattern, across ~12 modules.
- Added features to the **Diary module** (team options, comment box, employee and team-wise tagging, role-based functionality) plus Work Management and Client Management modules with a **real-time chat** system using **Firebase**.

TyreSasta *(E-commerce Web App) — CodeIgniter 4, MySQL*

- Built a full-stack e-commerce app with multi-level product filters (brand, size, category, discount, price), **CMS**, **cart**, **checkout**, **GST calculation**, **promo code** logic, **Razorpay** and **WhatsApp** integration.
- Made a complete admin panel for products, stock, and orders (5+ categories), with billing/shipping modules, validation, autofill, tax calculation, and invoice generation.

SKILLS

Backend: PHP, Laravel 10, CodeIgniter 2/4, Node.js, Express, FastAPI
Integrations: Razorpay, Cashfree, QuickBooks (OAuth 2.0), SendGrid, Shiprocket, Delhivery, FedEx, Webhooks, REST APIs, WebSocket (ws), NTgCalls (Telegram)
Frontend: HTML5, CSS3, JavaScript, jQuery, AJAX, Blade Template
Database: MySQL, Firebase (Firestore/Real-time)
Tools & Others: Git, Postman, FileZilla, C-Panel, SMTP, mPDF, ChatGPT | Languages: C++, Python

PROJECTS

URL Shortener 11/2025 – 12/2025

- Built CRUD APIs in **FastAPI** with MySQL; implemented user registration with email verification and device-ID based restriction to prevent URL shortening from multiple accounts on the same device.

Portfolio 11/2022 – 02/2023

- Responsive online **portfolio** showcasing resume, projects, and skills using JavaScript and Bootstrap, with direct mailing via **Email.js**.

EDUCATION

Government College of Engineering & Textile Technology, Berhampore 2020 – 2024
Bachelor of Technology – **CGPA 8.14 / 10**

PROFILES

GeeksforGeeks – 150+ problems solved | **GitHub** – actively maintained | **HackerRank** – 5★