

FinComply Portal (Anonymized) - Case Study

Role: Solo Full-Stack Developer

Tech Stack: Python, Flask, HTML, CSS, JavaScript, PostgreSQL

Project Overview

FinComply Portal is an anonymized tax and compliance web platform built to support service discovery, user onboarding, consultation requests, and admin operations in one system.

Business Need

The goal was to create a clean, fast, and trustworthy platform where users can explore tax services, submit callback requests, and where admins can manage requests from a single dashboard.

My Responsibilities

- Designed and developed the full system independently (frontend + backend).
- Implemented routing, templates, form workflows, and database integration.
- Built authentication/session logic for admin and user access control.
- Developed admin dashboard modules for callbacks and business registrations.
- Improved UX for form submission, button responsiveness, and navigation.

Key Features Delivered

- Role-based login and session handling.
- Callback request form with status feedback and duplicate handling.
- Business registration form with admin-side listing and delete actions.
- Dynamic home page actions based on login role.
- Chatbot assistant with service guidance and WhatsApp fallback.
- Public document checklist page for user self-help.

Security and Reliability

- CSRF protection on sensitive forms.
- Input validation and safe redirect handling.
- Session expiry and logout controls.
- Database error handling with user-friendly fallback messages.

Outcome

- Reduced manual tracking through centralized admin views.
- Improved user journey from landing page to consultation request.
- Delivered a scalable base for future service modules and automation.

Portfolio Note

This case study is anonymized. Client/company names and sensitive data are removed or masked.