Proof of Work – Expert Network Web Application

Project Overview

Developed a **comprehensive web application** for an **expert network company**, covering **end-to-end workflow automation**, expert onboarding, operational monitoring, Al-driven expert selection, and invoicing.

Technology Stack & Architecture

- Frontend: WordPress
- Backend: PabblyConnect, Python
- APIs Integrated: Miniorange, WhatsApp, Phantombuster, LinkedIn, Mistral AI, Gemini API
- Database: HubSpot & Google Sheets
- Workflow Automation: Designed and mapped entire workflow, covering multiple edge cases

Key Features & Functionalities

✓ Expert Onboarding: Automated system to onboard and manage experts efficiently ✓ Operational Monitoring: Custom workflow for the OPS team to track expert activity ✓ AI-Powered Expert Recommendations: Leveraged Mistral AI & Gemini API for AI-driven expert selection ✓ Invoice Generation: Automated PDF invoices post expert confirmation & project closure ✓ End-to-End Workflow Handling: Ensured seamless integration between systems

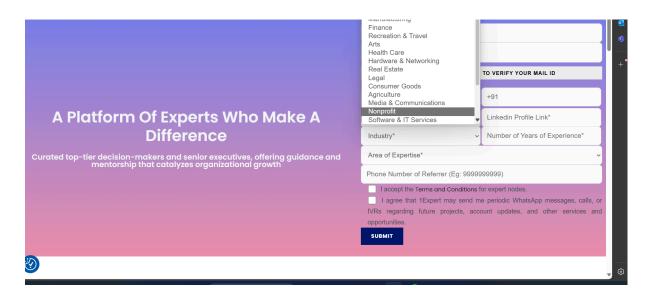
My Role & Contributions

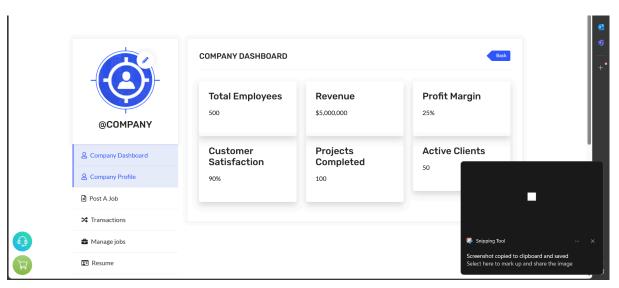
- PRD Development: Designed the Product Requirements Document (PRD), covering workflows, use cases & business logic
- System Architecture Design: Created the overall tech architecture ensuring smooth API interactions
- Workflow Development: Established automation for expert matching, project execution, and closure
- API Integration & Edge Case Handling: Solved complex integration challenges & mapped edge cases for fault tolerance
- Collaborated with Product Manager: Worked closely on refining workflow efficiency and scalability

Challenges & Solutions

✓ API Integration: Overcame authentication & data-processing hurdles for APIs like Mistral AI, Gemini, Phantombuster ✓ Scalability: Built a flexible, automation-driven architecture to accommodate future expansion ✓ Data Management: Streamlined operations using HubSpot & Google Sheets for seamless tracking

Project Impact





CSV Search



