



Xaltris Technologies

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*Original Intelligence

Case Study

Veltrix Global Connect - A Trusted B2B Marketplace for Employer-Agency Hiring Collaboration

Overview

Veltrix Global Connect is a B2B recruitment marketplace designed to connect verified employers with verified recruitment agencies through structured mandates, trust verification, candidate collaboration, and finance-backed execution workflows.

The platform supports employers, agencies, and platform administrators with role-based access, governed marketplace discovery, mandate approval, candidate submissions, operational task queues, and finance ledger visibility.

The Problem

Recruitment partnerships often operate across fragmented channels such as email, spreadsheets, phone calls, and informal messaging apps. This creates weak visibility, inconsistent trust checks, duplicate coordination, and limited accountability across the hiring lifecycle.

Employers may struggle to identify reliable agencies, while agencies often lack access to verified mandates with clear process ownership. Platform operators also need better tools to manage KYB verification, mandate approvals, commercial onboarding, task prioritization, and finance closeout.

The Solution

Veltrix Global Connect provides a governed marketplace where employers and agencies progress through structured onboarding, verification, marketplace access, mandate collaboration, candidate submission, and finance operations.

The platform enforces trust and access rules before sensitive marketplace data is exposed. Employers can publish hiring mandates for review, agencies can express interest in eligible opportunities, and accepted collaborations become private execution rooms for messaging and candidate submissions.

Administrators manage the operating layer through verification queues, mandate approval workflows, task orchestration, commercial onboarding, and finance ledger operations.

Technology Approach

Veltrix Global Connect was built as a cloud-ready B2B marketplace platform with a focus on trust, workflow reliability, and operational usability. The frontend was implemented in Next.js with React, TypeScript, and Tailwind CSS, while the backend was built in Python using FastAPI. Data is stored in PostgreSQL, with SQLAlchemy used for data modeling and Alembic for database migrations.

The platform was designed around clear domain models, role-based access, deterministic workflow states, and server-side enforcement of marketplace trust rules. TanStack Query, React Hook Form, and Zod were used to support reliable frontend state management and form validation, while backend services manage onboarding, KYB verification, mandate approvals, candidate collaboration, notifications, and finance ledger operations. This keeps the system dependable for production use and easier for operational teams to manage.

Outcome & Value

Veltrix Global Connect turns a fragmented recruitment workflow into a structured operating system for trusted employer-agency hiring.

For employers, it improves access to verified recruitment partners and gives clearer control over mandate execution. For agencies, it creates a reliable channel for discovering verified opportunities and submitting candidates through accepted collaborations. For platform teams, it centralizes verification, approvals, task management, commercial operations, and finance tracking into auditable workflows.

The result is a safer, more transparent, and more scalable recruitment marketplace built around trust, structured collaboration, and operational accountability.

Ready to Build with Confidence?

Let's discuss how veteran expertise and AI-powered execution can accelerate your roadmap and de-risk your technology.

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