



Global Expansion Intelligence Platform

Introduction to (GEIP)

AI-powered solution to analyze relocation feasibility (costs, compliance, talent) vs. remote work—automating legal, HR, and operational setup for seamless market entry.

Solution:

End-to-end HR platform combining AI salary intelligence, compliance-ready hiring, and smart HR automation. This system will create such a collaboration with required UAE partners to automate (at max level) and speed up the process for compliance checks and finalizing candidates suitable for RN hiring.

Core Focus:

Localized salary data, AI-enabled workflows, and scalable infrastructure for UAE and beyond.

Key KSA/UAE HR Challenges & Opportunities

	Pain Points	Solutions
First Item	Lack of Transparent Salary Data by Title/Experience	Real-Time Salary Benchmarking using AI & Scraping
Second Item	Long Process of Manual Onboarding & HR Admin	Recued to just Final Checks
Third Item	Visa/KYC Delays and Payroll Fragmentation	BaaS, KYC/AML APIs, and contractor wallet Integrations

Platform Modules vs Off-the-Shelf Alternatives

Functionality	Existing Tools	RN Talent Nexus
Salary Benchmarking	Generic Market Data	AI-Curated KSA/UAE Salary Intelligence
Hiring	Manual Long Processes	Auto-Generated Contracts, Legal Checks
Offer & Contract Management	Templates Only	LLM-Based Customized Document Generator
HR Support Chat	Limited Search/Chat	RAG-enabled HR Assistant
Integration Depth	Surface-Level APIs	Deep AI + Payment + Visa Stack
Data Security	Multi-Tenant	Dedicated KSA or UAE-hosted Infrastructure

Benefits

AI Modules:

1. Salary Intelligence → Retrieval-Augmented Generation (RAG) + LLM
2. AI Chatbot (HR Assistant) → Answers HR, salary, and compliance queries
3. Document Generator → Generates legal-compliant contracts/offers

Data Strategy & Pipeline:

Sources Scraped:

- Bayt.com, GulfTalent, Naukrigulf, Glassdoor UAE
- LinkedIn UAE, Salary Explorer, PayScale
- Local job forums, PDFs, Facebook groups

Pipeline Stack:

- Scraping: Playwright + BeautifulSoup
- ETL: Airflow or Prefect
- Cleaning: pandas, spaCy
- Embedding: OpenAI/Ada or SBERT + FAISS
- Storage: PostgreSQL & MongoDB

Platform Architecture

Backend:

- Python + FastAPI
- LangChain + GPT-4o / Mistral
- PostgreSQL / MongoDB
- FAISS or Chroma for semantic search

Frontend:

- React or Next.js
- Tailwind CSS
- Recharts / Chart.js
- Firebase / Auth0 for authentication
- Vercel / Netlify / AWS Amplify for deployment

RN Talent Nexus Feature Alignment

	Add Ons	Description
First Item	Integration	KSA or UAE Contractor & Employee On-Boarding
Second Item	KYC/AML	Sumsb, Veriff Integration
Third Item	IBAN + Wallet	BaaS APIs to Enable Local / Global Payments
Fourth Item	Visa Assistance	HR Visa Support Tools
Fifth Item	AI HR Assistant	Natural Language Support for Admin Tasks

Final Deliverables

Final Deliverables:

- HR Intelligence Web App (UAE Focused)
- Salary Benchmarking with Filters
- AI Chatbot for Salary + Legal Queries
- Admin Panel + Compliance Toolkit
- Deployment & Documentation



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