

# SHELTRA

From Shelter to Skills to  
Sustainable Livelihoods



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# Context: Rohingya Camps Reality



Over 1 million  
displaced Rohingya  
refugees



Limited legal work  
opportunities and Skills  
remain undocumented  
and unused

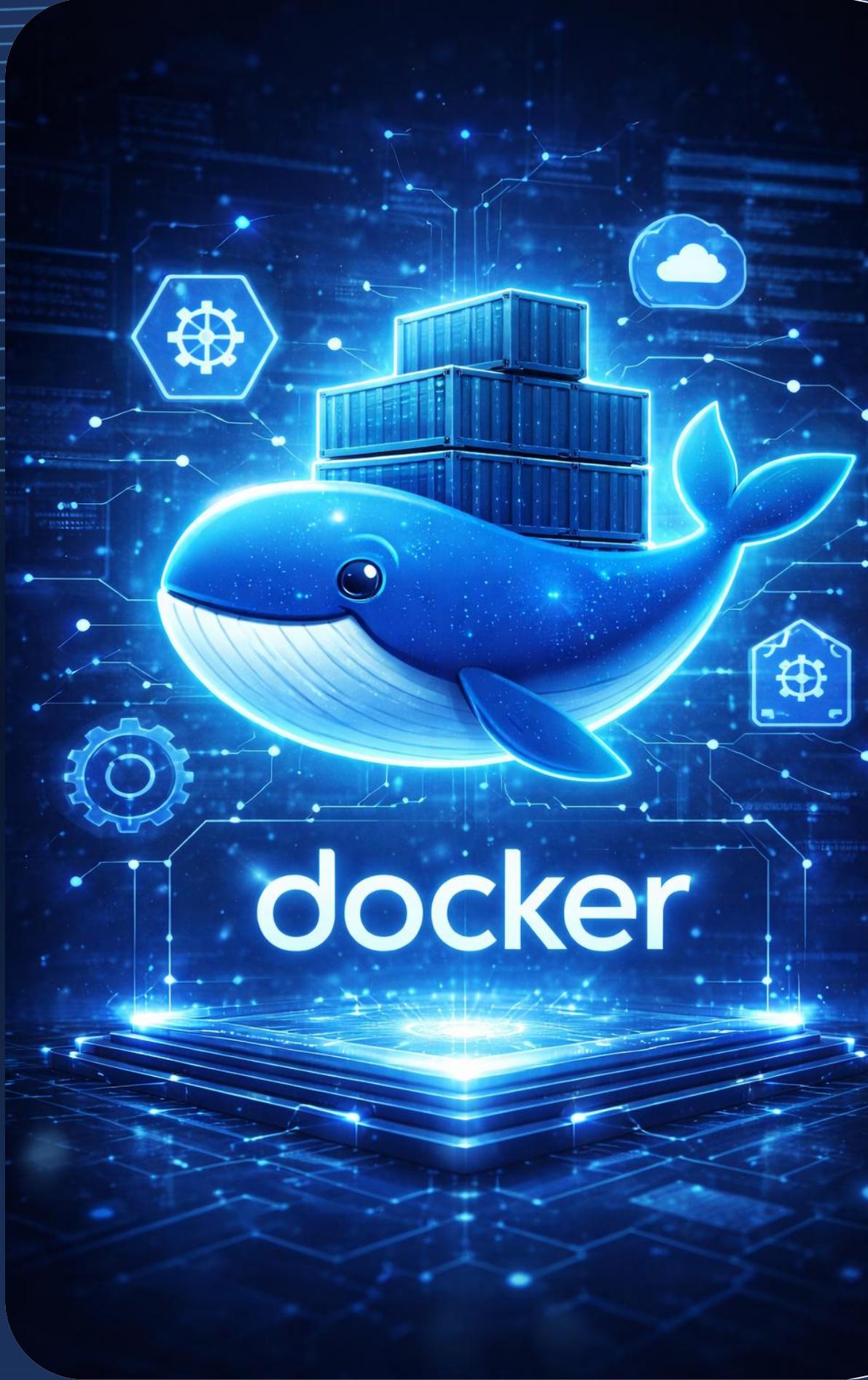


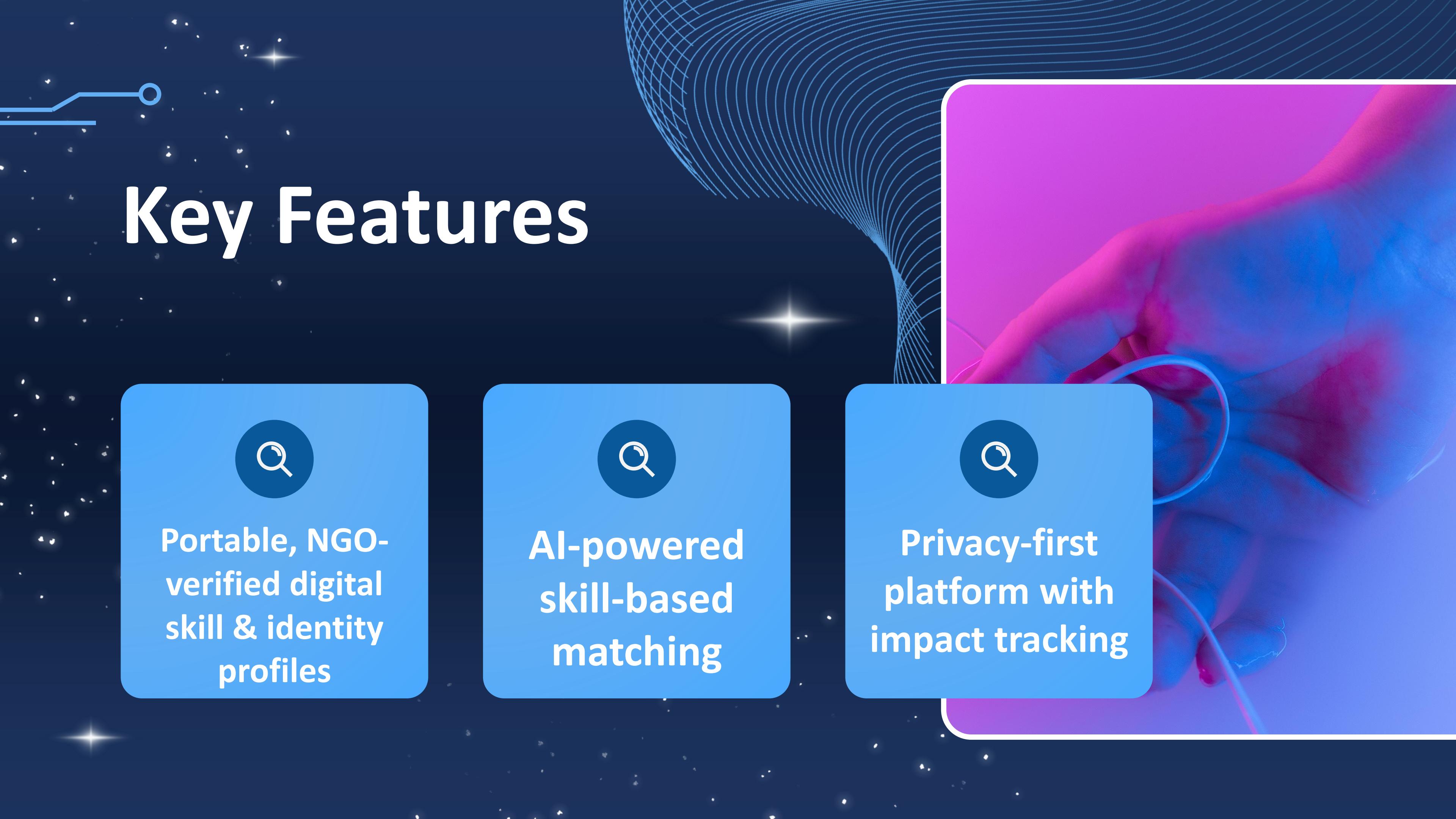
NGOs lack unified  
skills & outcome  
data



# The Problem

- Refugees have skills but no proof
- No national ID or formal documents
- Fragmented NGO data systems
- Employers & programs cannot assess readiness





# Key Features



Portable, NGO-verified digital skill & identity profiles



AI-powered skill-based matching



Privacy-first platform with impact tracking

# Proposed Solution :

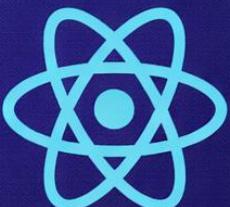
-  AI-powered skill-based matching using *Gemini AI Flash* to connect verified refugees with jobs, training, and apprenticeships
-  Outcome & impact tracking dashboards using *React Charts* to measure employment, retention, and inclusion
-  Privacy-first, ethical employer access with strict role-based safeguards and NGO oversight
-  Portable, NGO-verified digital skill & face identity using *face-api.js*, enabling trusted identification without official documents



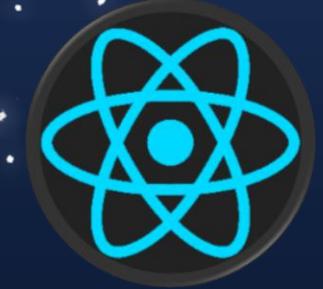
Gemini Flash



FastAPI



React



Frontend: Reactjs



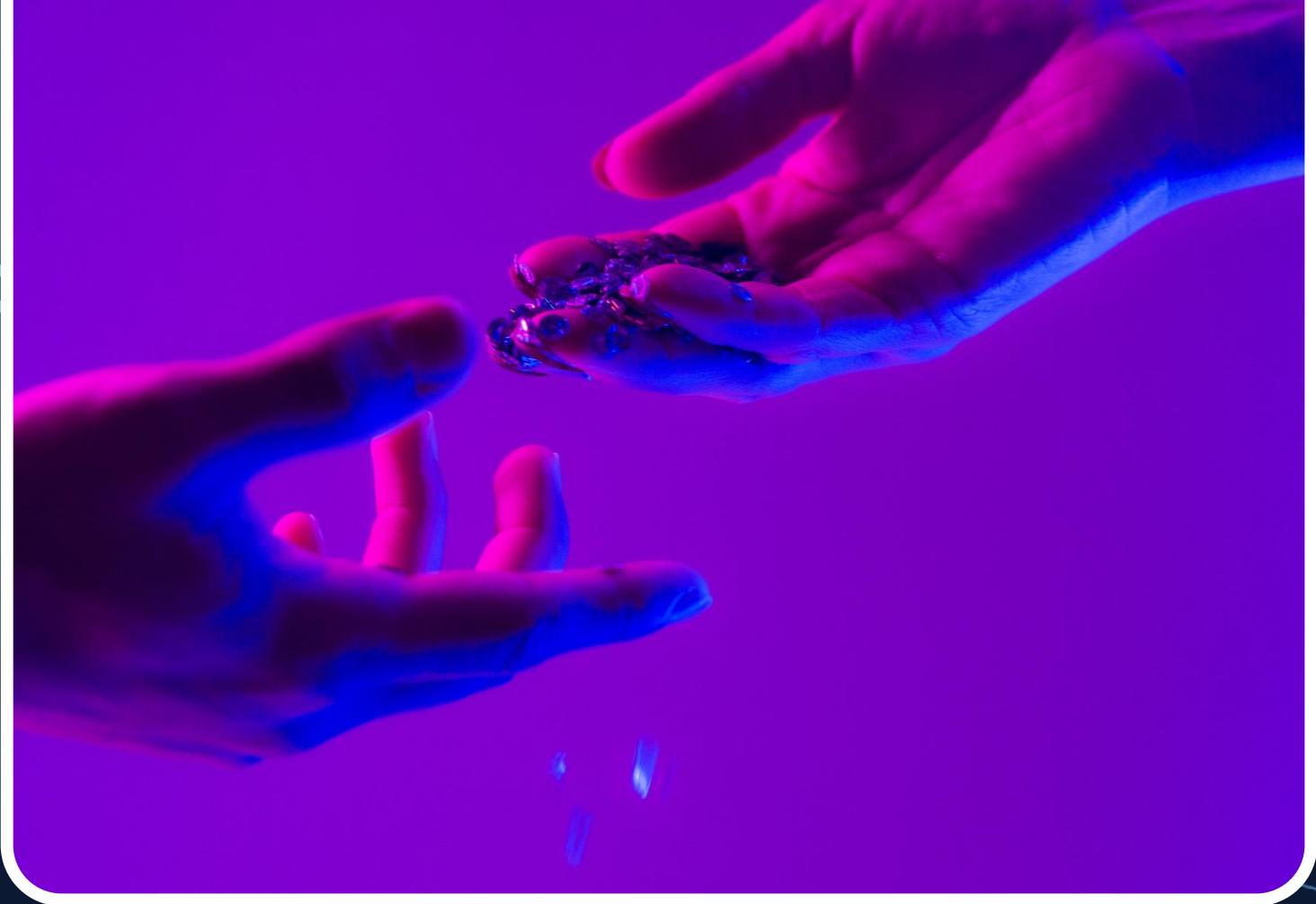
backend: laravel



Database: mysql



Frontend host : Netlify  
Backend host: vercel



# Technology Stack

# Outcomes



Improved Employment & Livelihood Access

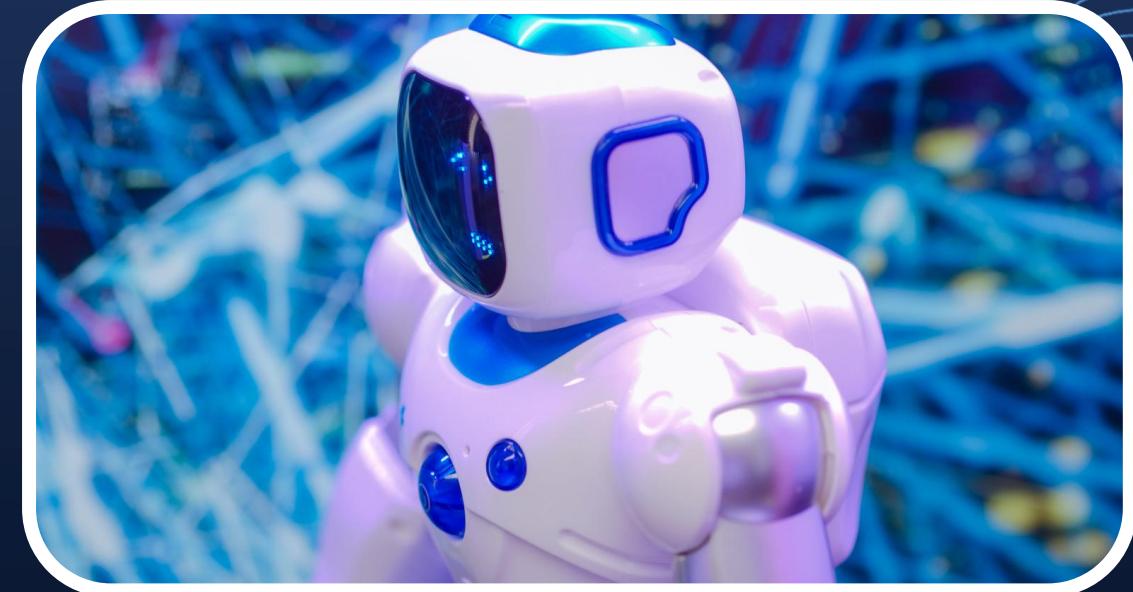
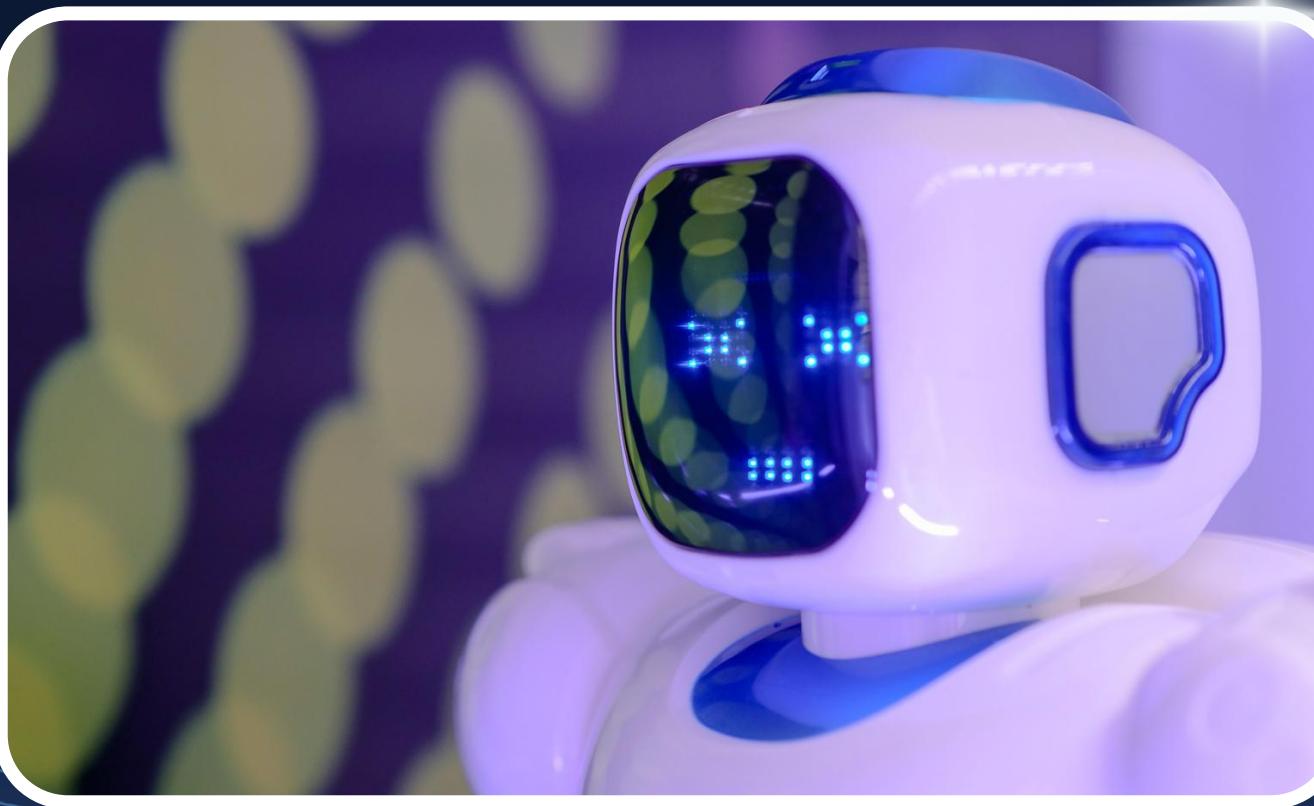


Increased Self-Reliance & Reduced Aid Dependency



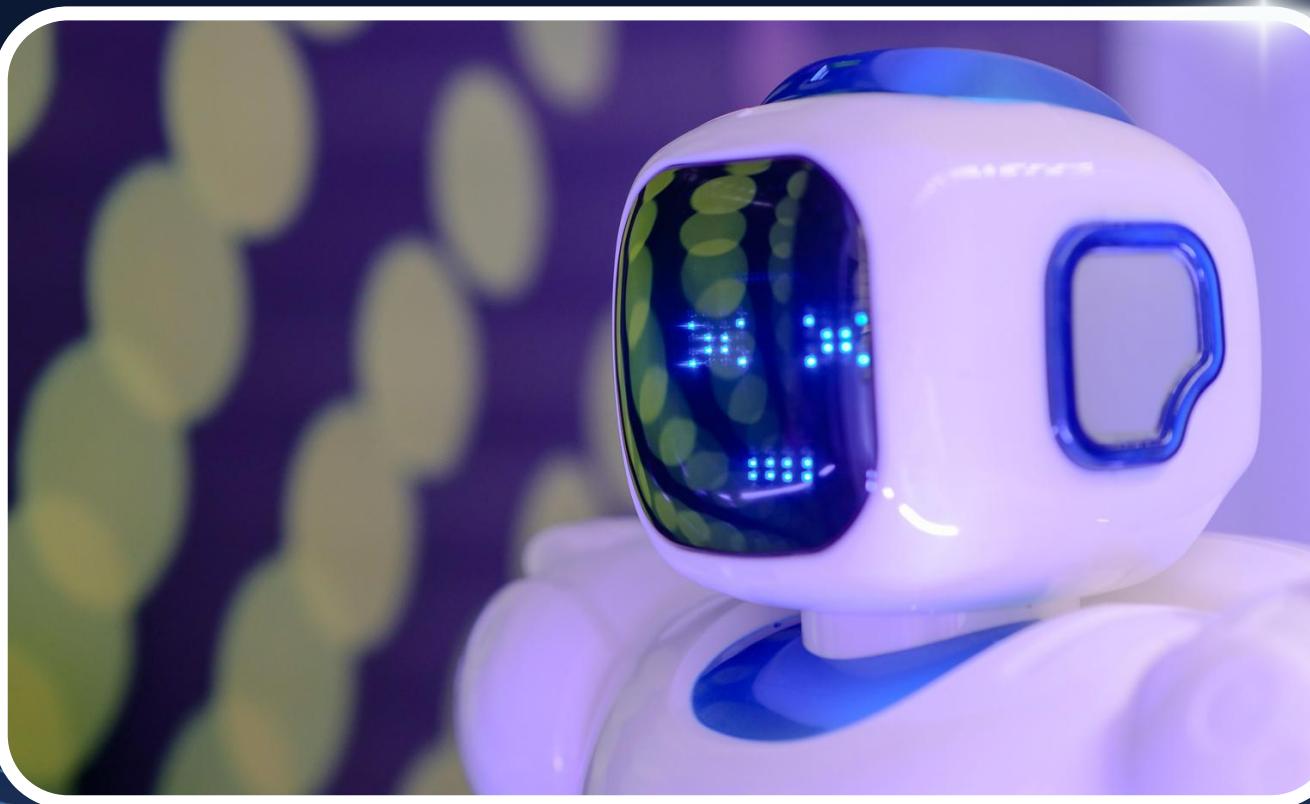
Measurable & Trusted Impact for Stakeholders

# Demo:



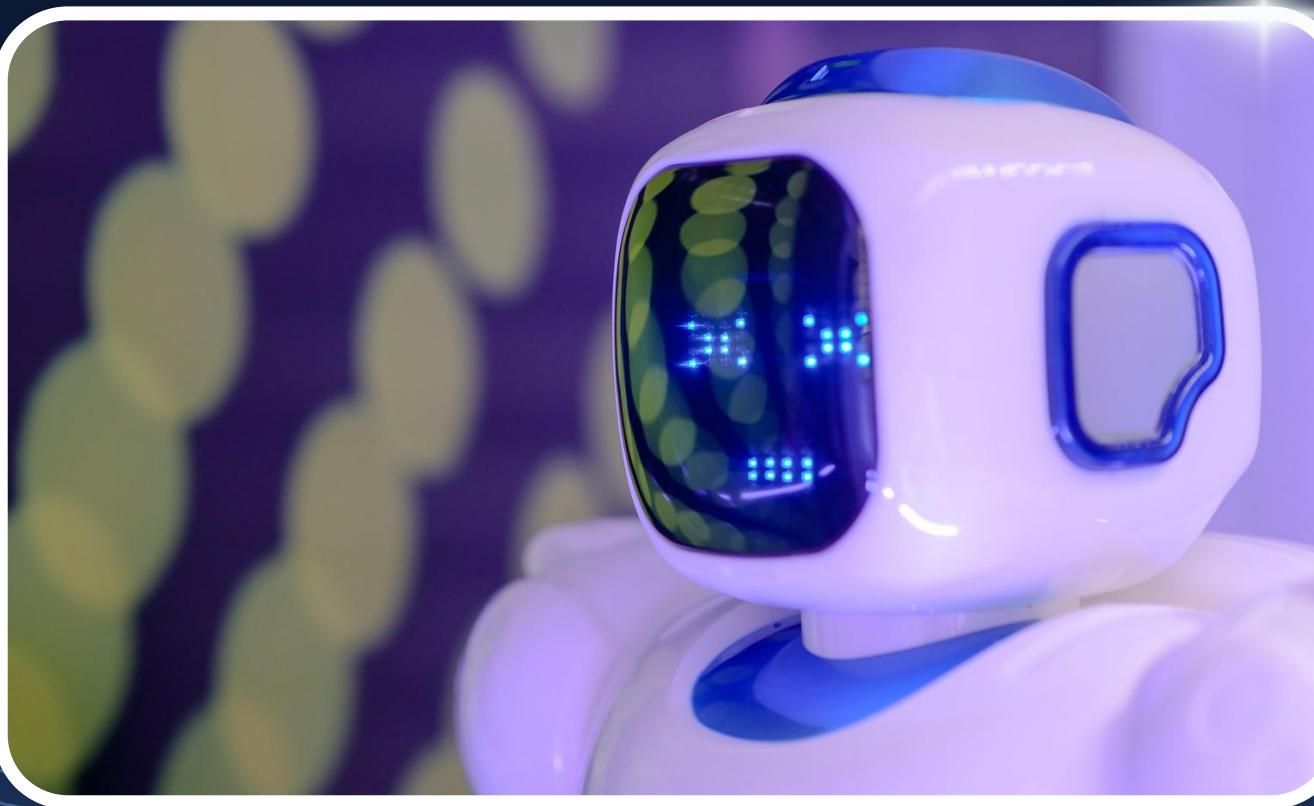
With AI Smart Template Generator, users can create designs in under a minute at a much lower cost than traditional services, while benefiting from AI that adapts to the latest design trends.

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# Project Phases

## phase 1

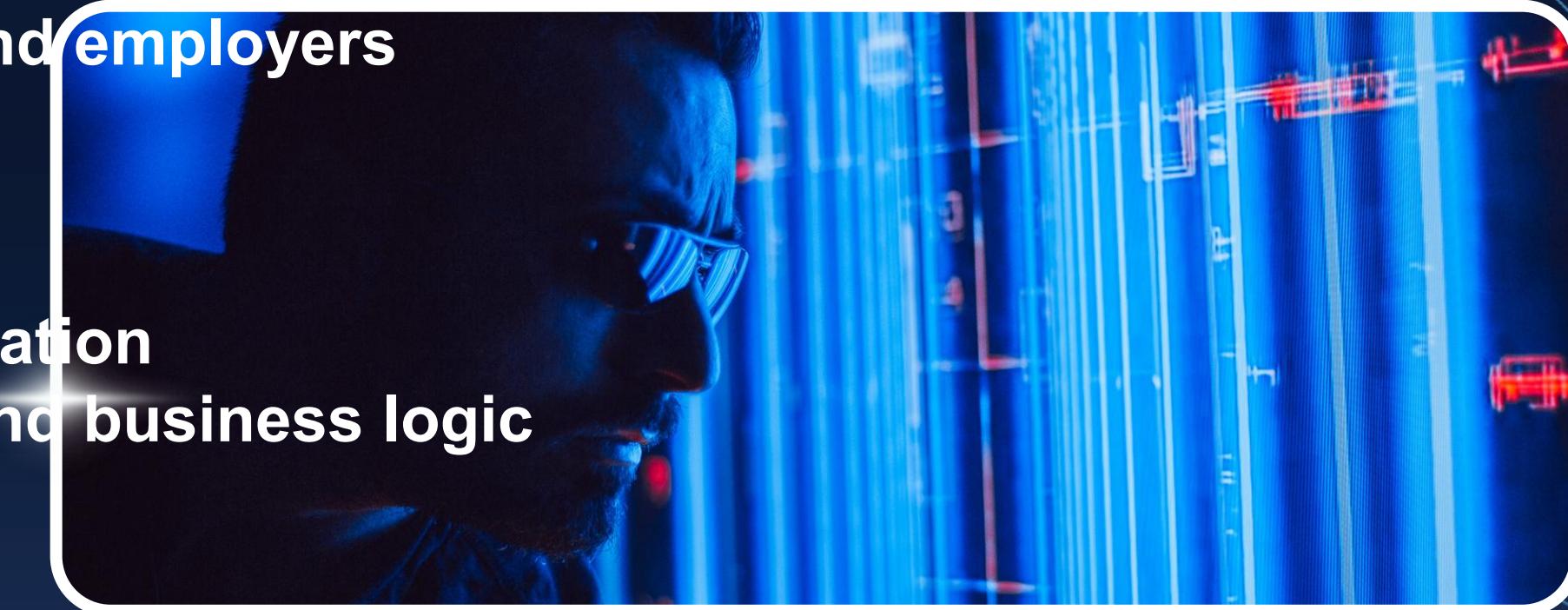
- Website and application UI/UX design
- React-based frontend development
- User flows for refugees, NGOs, and employers

## phase 2

- API development using FastAPI
- Database design and implementation
- Authentication, AI integration, and business logic

## phase 3

- System integration and end-to-end testing
- Cloud deployment and security configuration
- Performance optimization and launch readiness





# Future Enhancements

- 🎯 **Multi-Country & Cross-Border Skill Portability**
- 🎯 **Integration with Training & Certification Partners**
- 🎯 **Mobile App & PWA Expansion**

# Conclusion

It bridges the gap between refugee skills and economic opportunity by providing a secure, NGO-verified digital identity and AI-driven skill matching platform. By prioritizing privacy, ethical hiring, and measurable impact, the system empowers refugees to move beyond dependency toward self-reliance, while enabling NGOs, employers, and policymakers to make data-driven decisions.

RefugeeSkillMap demonstrates how technology can transform humanitarian support into sustainable livelihoods and long-term social inclusion.





**Thank You  
Very Much!**