



## THE PROBLEM:

- **NURSE SHORTAGE:**  
Healthcare facilities face a critical shortage of caregivers, leading to heavy reliance on costly travel nurses.
- **HIGH TURNOVER:**  
Turnover rates in some facilities often exceed 200% annually, exacerbating the staffing crisis.
- **RIGID WORK ENVIRONMENTS:**  
Traditional healthcare systems impose inflexible scheduling and work requirements, contributing to nurse burnout and attrition.
- **INEFFICIENT STAFFING PROCESSES:**  
Manual staffing processes result in inefficiencies, with a lack of technology solutions hampering effective shift matching.
- **HIGH COSTS OF CONTINGENT LABOR:**  
Heavy dependence on travel nurses inflates healthcare costs, underscoring the need to utilize local talent better.



## CUSTOMER VISION:

Lighthouse's vision is to create a technology-enabled, multi-sided marketplace platform that addresses the key challenges in the healthcare staffing industry:

- **EMPOWERS NURSES:**  
Provide flexibility and autonomy in schedules, enabling easy shift pickups across facilities to boost earnings.
- **OPTIMIZES STAFFING:**  
Utilize local per diem and on-call nurses with automated technology for efficient staffing and reduced reliance on costly travel nurses.
- **ENSURES DATA SECURITY:**  
Create a secure platform for credentialing and licensing.
- **APPLIES INTELLIGENT FEATURES:**  
Leverage AI for shift pricing and staffing forecasts, and develop a generative AI assistant for nurse onboarding and career support.



## LITEHOUSE HEALTH

# REIMAGINED CLINICAL STAFFING POWERED BY LIFEGRAPH

## The Uber For Nurses

Lighthouse is a healthcare staffing platform transforming how hospitals and nurses work together. The solution creates a more flexible, efficient, and empowered ecosystem for nurses and healthcare systems to address staffing issues collectively.

Many hospitals currently rely on costly travel nurses and manual staffing processes, leading to stress and inefficiency within the healthcare system.

Lighthouse & Lighthouse Beacon aim to address these challenges:

### ► STREAMLINED STAFFING PROCESSES:

Lighthouse Beacon enables healthcare facilities to efficiently broadcast shift needs through a mobile app. The platform then matches eligible local nurses based on their credentials and availability, optimizing staffing and reducing the need for expensive travel nurses.

### ► EMPOWERED NURSING WORKFORCE:

The platform enhances workforce engagement and satisfaction by providing nurses with more flexibility and autonomy in choosing shifts. This helps address the issue of nurse burnout, which is a significant problem in the healthcare industry.

### ► RETAINING SKILLED PROFESSIONALS:

Lighthouse's solutions aim to transform the healthcare staffing landscape by improving working conditions and job satisfaction for nurses. This, in turn, helps healthcare systems retain more skilled professionals, ensuring better patient care and outcomes.

## WHY LIFEGRAPH?

- Unified Data Across Business Ecosystems
- Immutability, Traceability, & Auditability
- Simplified & Trustworthy AI Adoption
- Rigorous Privacy & Consent Tools
- Transparent Data Governance
- Greater Flexibility, Adaptability, & Scalability
- Trustworthy AI Solution Development
- Trusted Partnership



Being able to share clinician credentials with new healthcare systems securely is as easy as hitting a button, with the assurance of secure data access and an immutable audit trail provided by the platform's underlying blockchain-powered infrastructure."



**JUSTIN SCHAPER**

Chief Technology Officer

## Disrupting Status Quo with LifeGraph

By leveraging LifeGraph's robust data management, security, and intelligent capabilities, Lighthouse delivers a scalable and innovative solution that addresses the key challenges in the healthcare staffing industry.

Here's how Lighthouse takes a new approach to the traditional staffing model with their powered by LifeGraph solution:

### ➤ FLEXIBLE & SCALABLE DATA MANAGEMENT:

LifeGraph's flexible graph database structure allows Lighthouse to manage complex credentialing and compliance requirements easily. At the same time, its scalability quickly adapts to Lighthouse's evolving business needs.

### ➤ SECURE DATA SHARING & PORTABILITY:

The blockchain-powered "clinician wallet" feature of LifeGraph enables nurses to maintain control and portability of their credentials as they work across different healthcare facilities.

### ➤ IMMUTABLE AUDIT TRAIL & COMPLIANCE:

LifeGraph's blockchain-powered infrastructure provides an immutable audit trail for secure management of sensitive clinician data, enabling Lighthouse to demonstrate compliance to healthcare clients.

### ➤ INTELLIGENT FEATURES:

LifeGraph's integration of AI and machine learning capabilities powers Lighthouse's advanced features, such as shift pricing optimization and generative AI assistants, to support nurses.

## Empower Nurses with an All-in-One Resource Marketplace

Lighthouse envisions expanding its ecosystem to include other service providers supporting and empowering nurses, such as equipment suppliers, training programs, and mental health resources.

## WANT TO LEARN MORE?

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