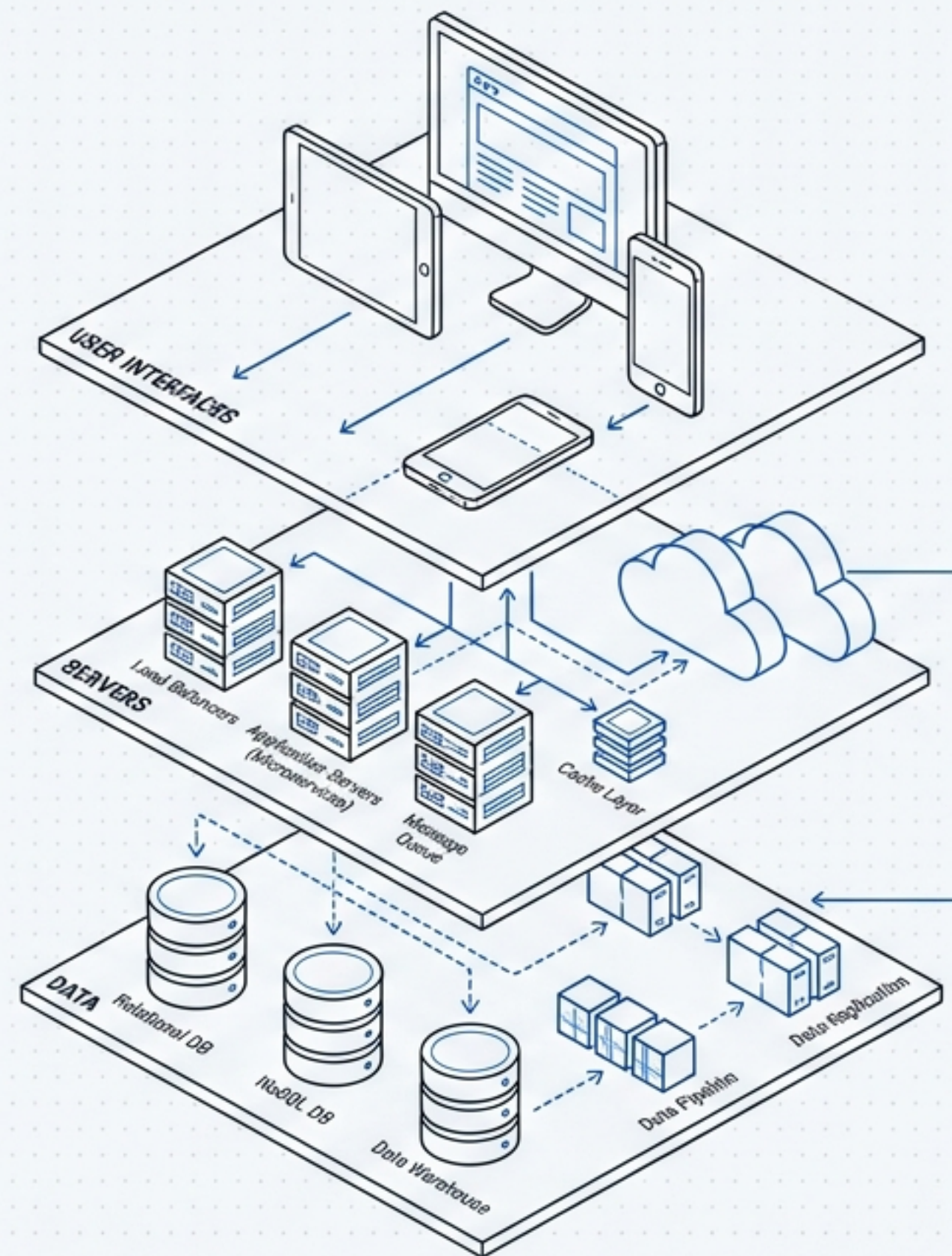


ROHIT KUMAR (COOLHAX RK)

Full Stack Architect, Tech
Founder & Engineering Leader

Specializing in High-Concurrency
Backend Systems, Multi-Tenant SaaS,
and Cloud DevOps.



COMMAND CENTER

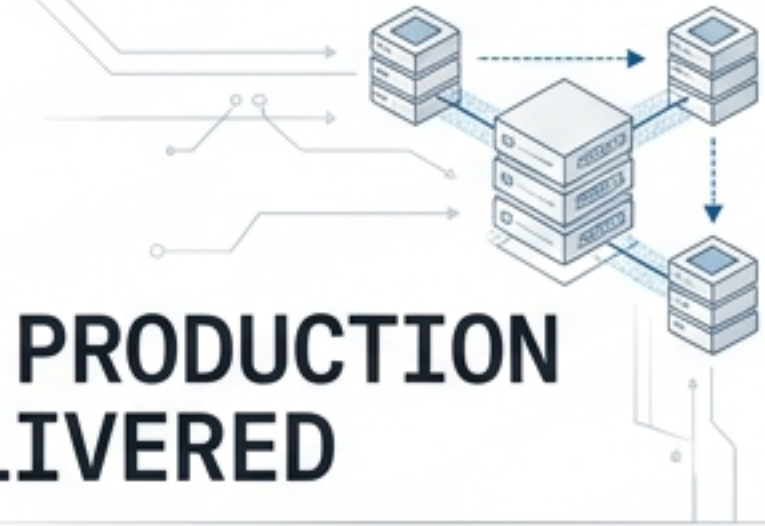
5+ YEARS

**ENGINEERING
LEADERSHIP**



20+

**ENTERPRISE PRODUCTION
SYSTEMS DELIVERED**



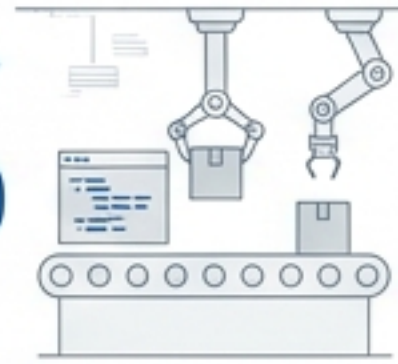
99.9%

**GUARANTEED UPTIME
SLA MAINTAINED**



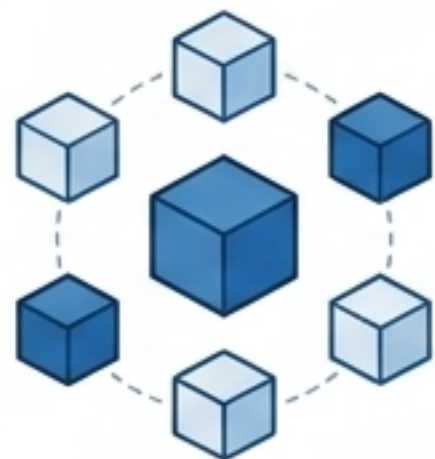
70-80%

**DEPLOYMENT EFFORT
REDUCTION VIA AUTOMATION**



**A TECHNICAL LEADER BRIDGING THE GAP BETWEEN ELITE
SOFTWARE ARCHITECTURE AND MASSIVE BUSINESS SCALE.**

Engineering Philosophy



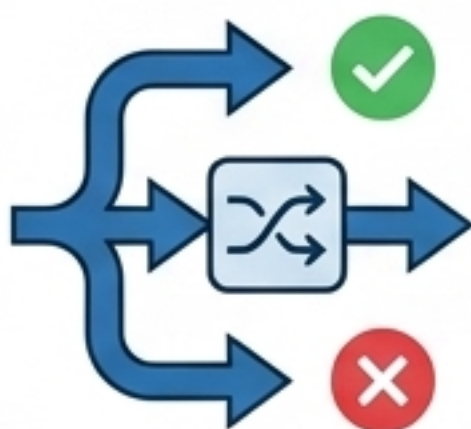
Simplicity Over Over-Engineering

Building clean, decoupled monoliths or microservices based strictly on business scale to avoid unnecessary complexity.



Database-First Strategy

Prioritizing pristine schemas, transaction safety, normalized tables, and B-Tree indexing on foreign keys.



Fail-Safe Workflows

Engineering asynchronous job processing, queue retry mechanisms, and automated API failover routing.



Security by Design

Enforcing strict Role-Based Access Control (RBAC), JWT token rotation, Bcrypt/Argon2 hashing, and sanitized inputs.

Leadership Trajectory



Backend Developer Lead FinCrif India

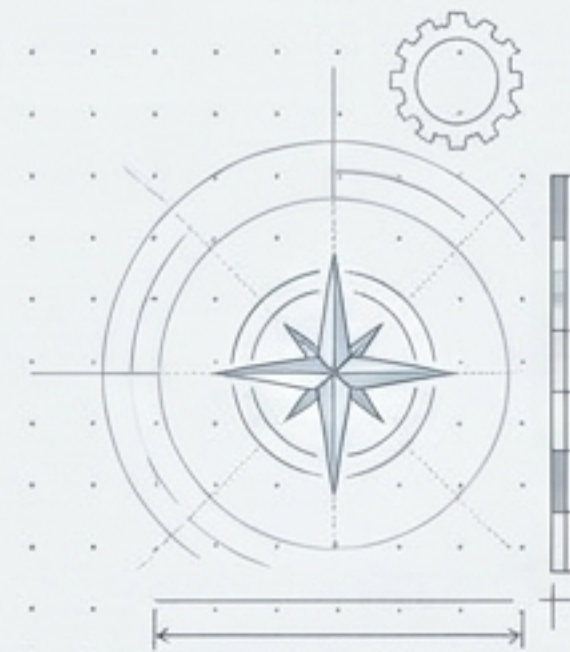
- Directing core backend teams, engineering high-speed RESTful APIs, and optimizing PostgreSQL/Redis under heavy concurrent traffic.

Founder & Principal Architect Solidrix Solutions

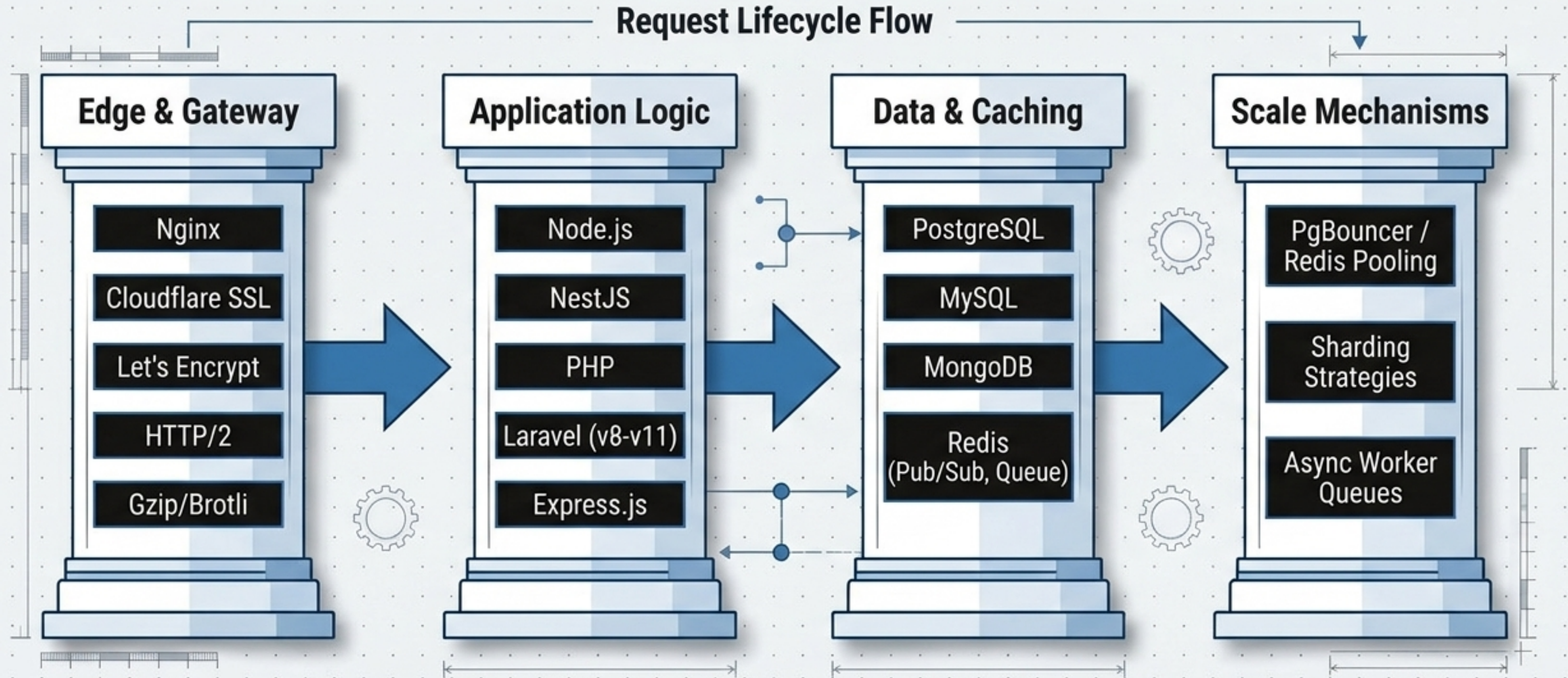
- Architecting 4 flagship enterprise SaaS products and executing custom automation integrations for elite global clients.

Former Co-Founder & CTO GullySystem

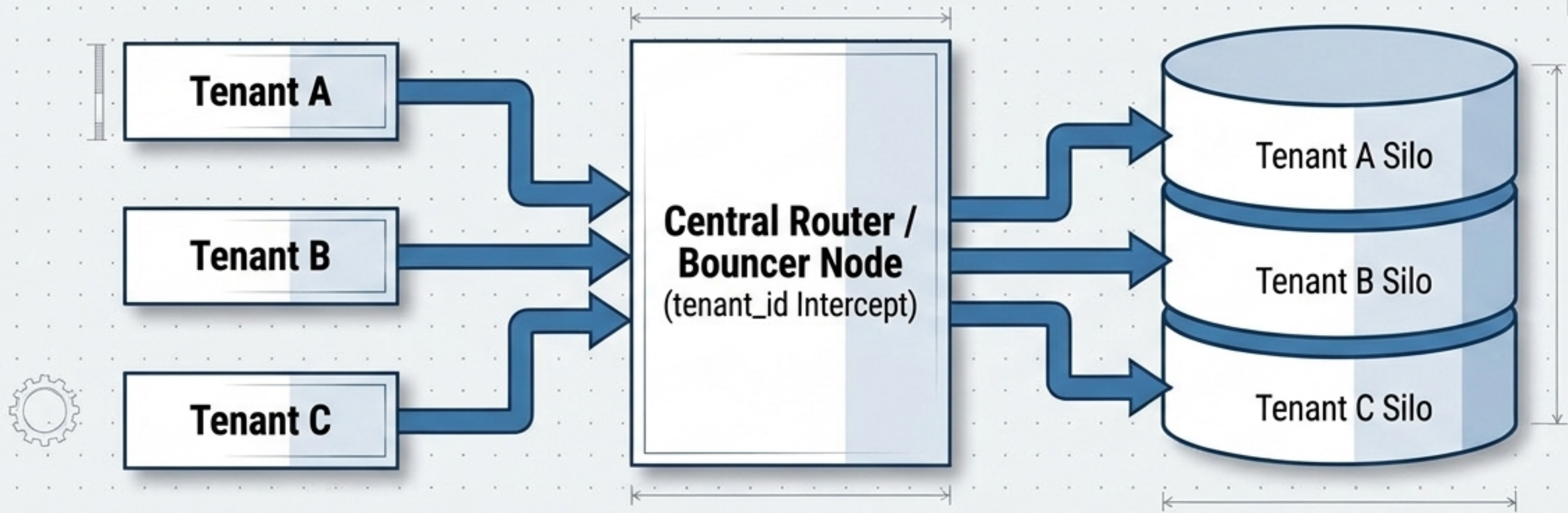
- Defined overarching technology roadmaps, managed cross-functional engineering units, and spearheaded DevOps containerization to achieve a 99.9% uptime SLA.



Core Architecture & High-Concurrency Stack



The Multi-Tenant Isolation Strategy



The Architecture

A single unified codebase backed by PostgreSQL/MySQL that utilizes a dynamic partition strategy.

The Mechanism

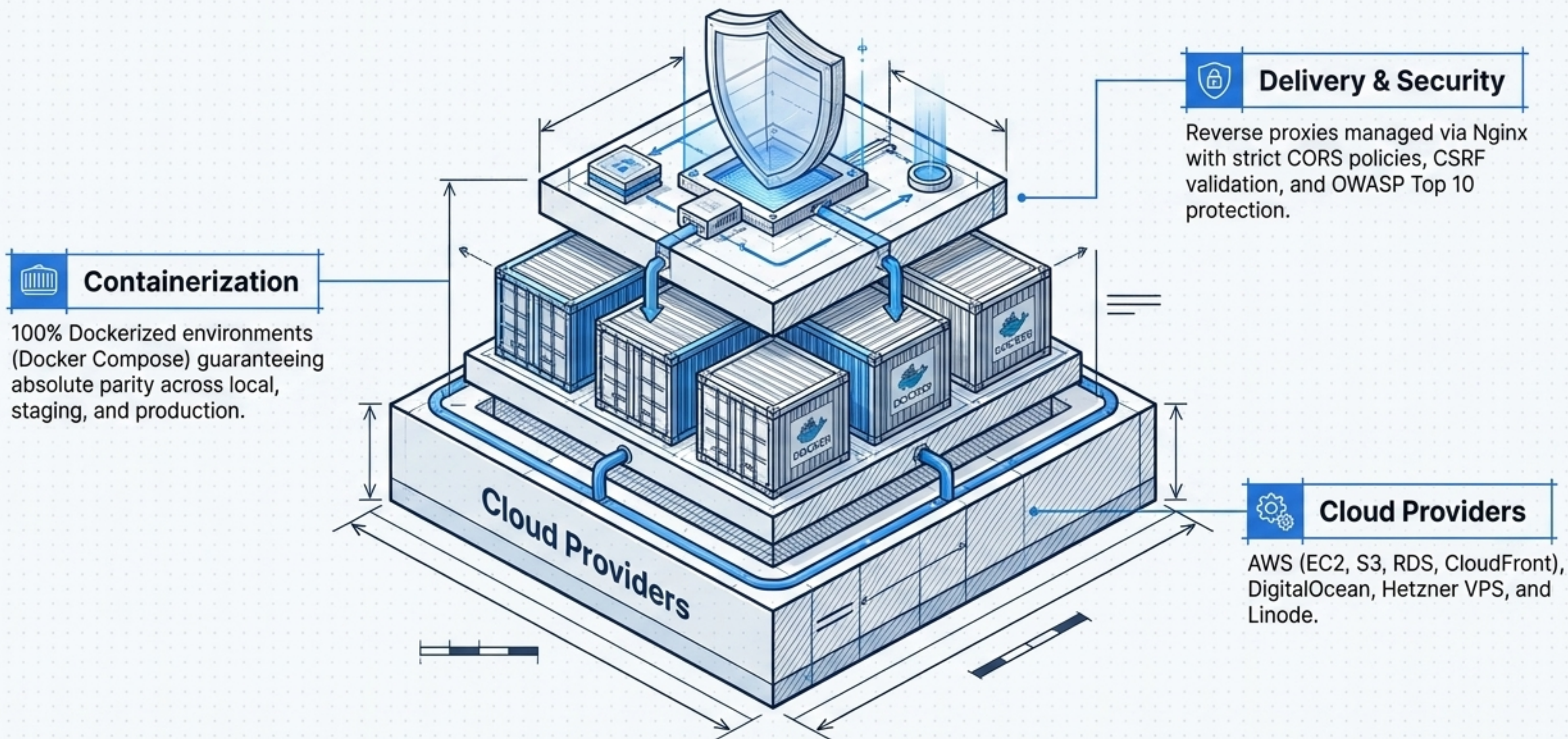
Every query is intercepted and hard-filtered by `'tenant_id'` at the ORM/Database layer before execution.

Business Value

Guarantees absolute data privacy, prevents cross-tenant leaks, and enables seamless horizontal scaling for enterprises.



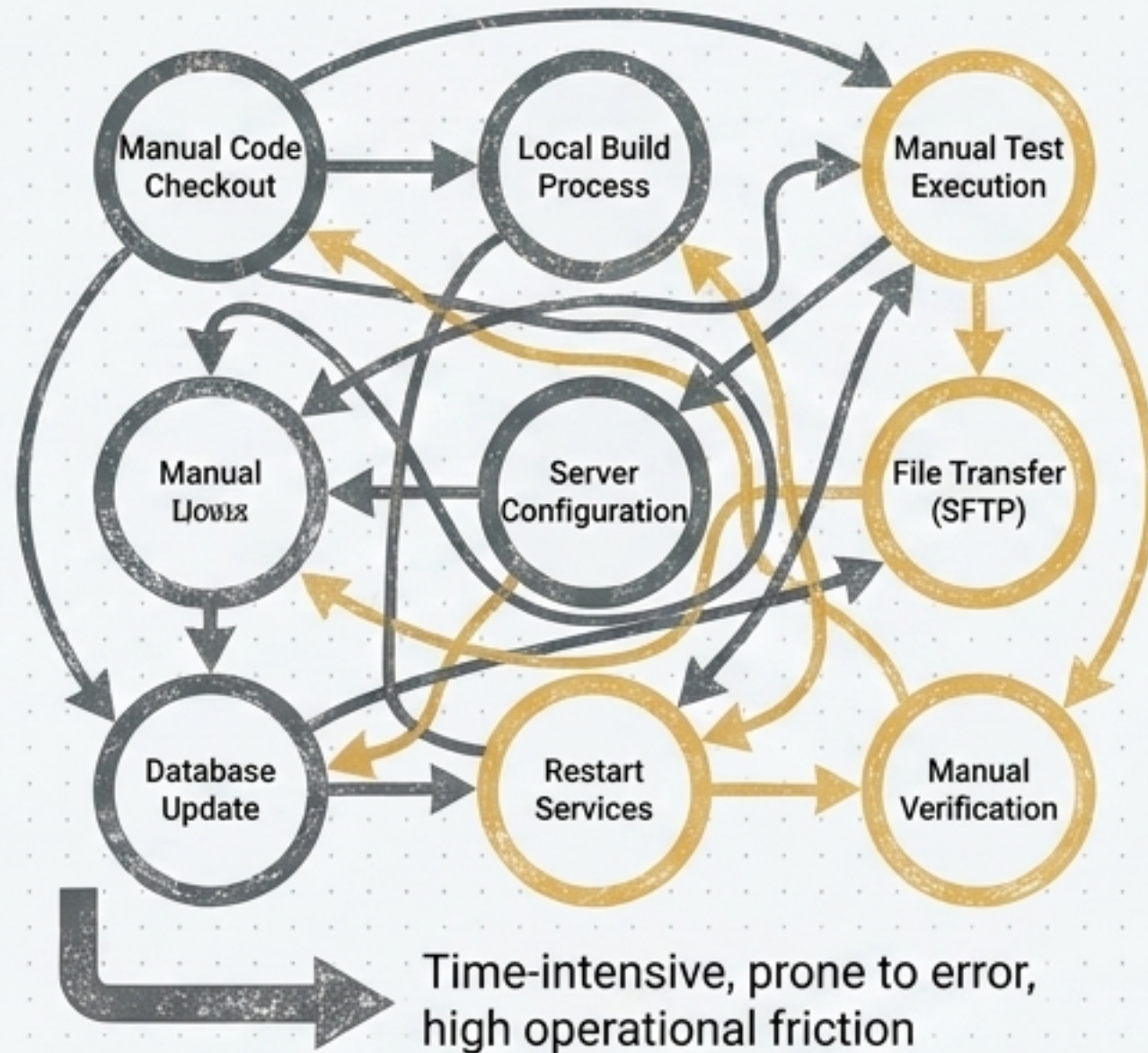
Cloud Orchestration & Resilient Infrastructure



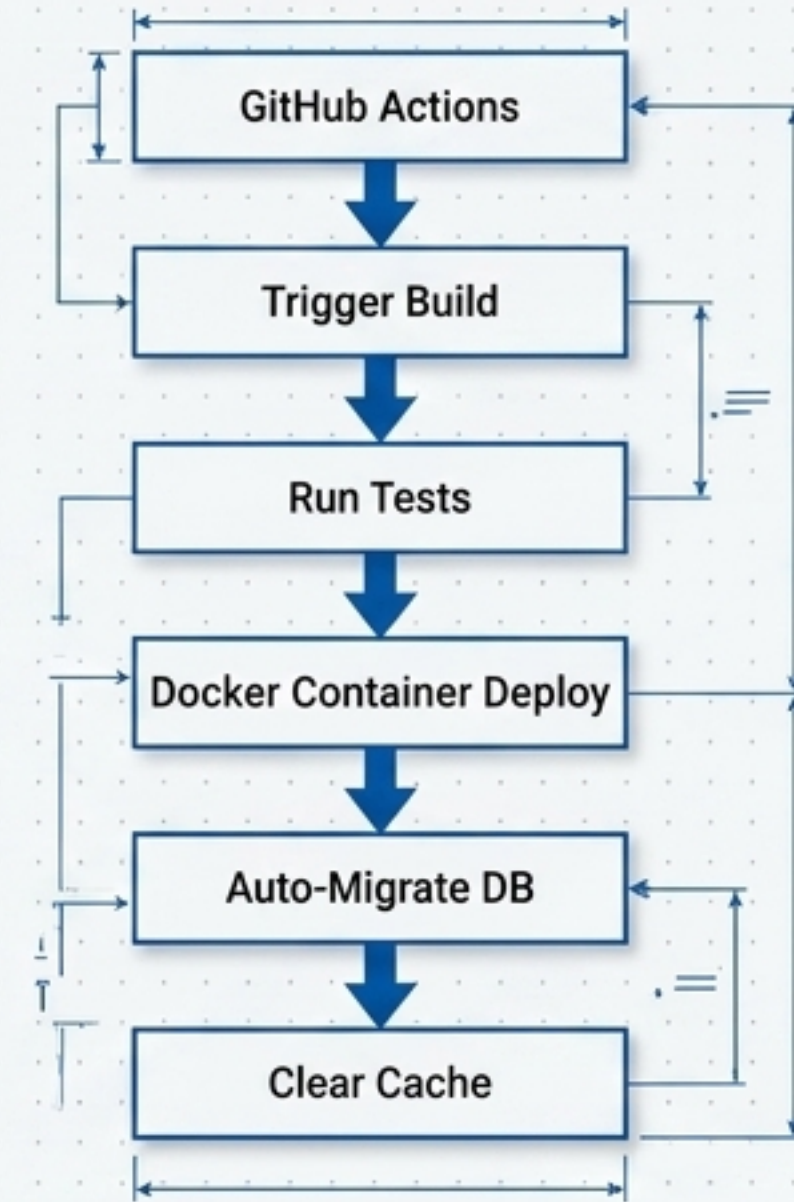
The Automation Impact (CI/CD)



Legacy Manual Deployment

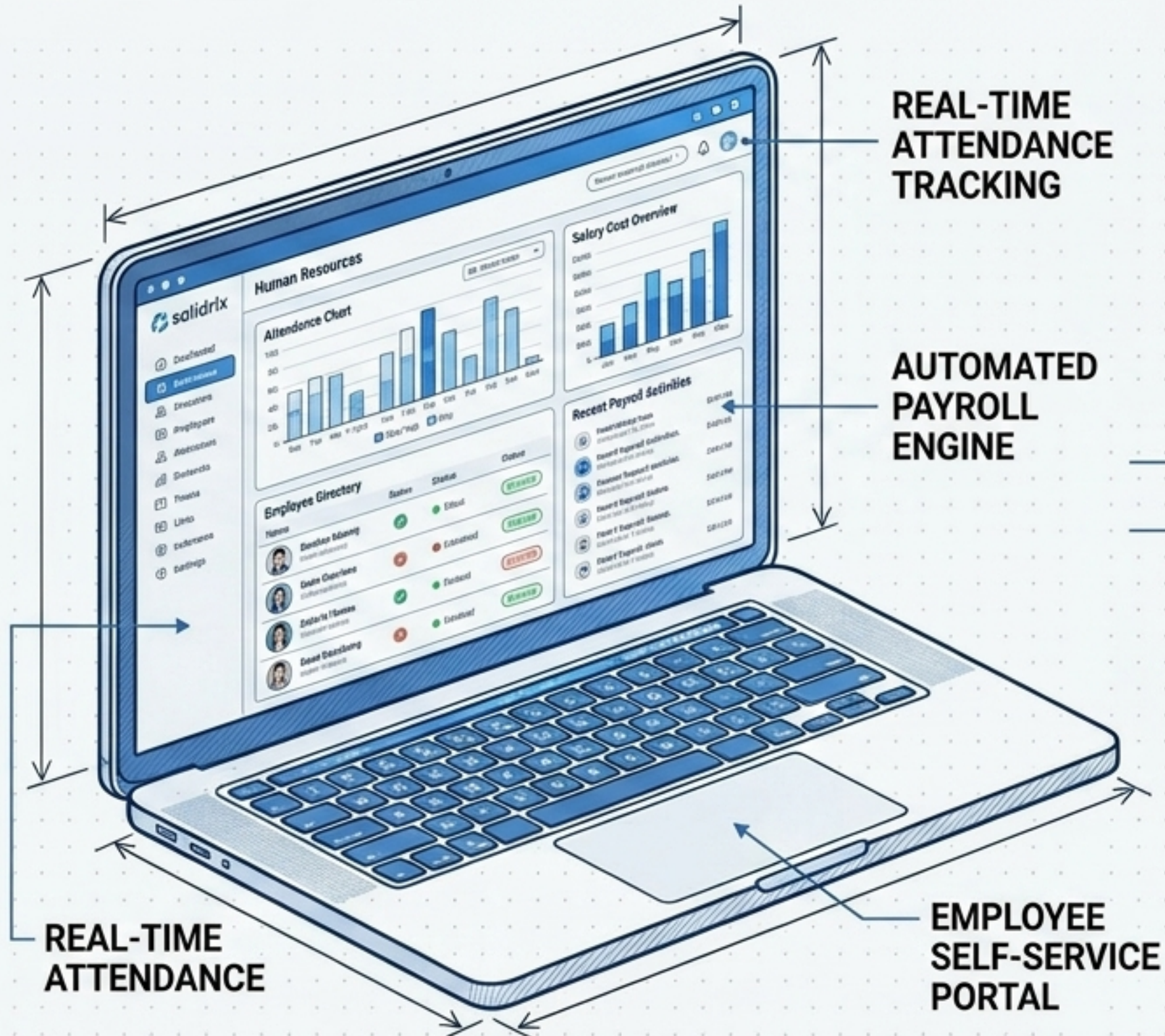


Automated CI/CD Pipeline



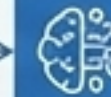
The Business Impact: 70-80% reduction in manual deployment effort. Achieves zero-downtime releases and self-healing worker pipelines, freeing engineering hours for core feature development.

Flagship 01: Enterprise HRMS & Payroll System hr.solidrix.com



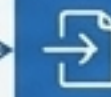
ARCHITECTURAL CHALLENGE

Processing 10,000+ daily employee logs with complex, multi-variable payroll calculations without server timeouts.



ROHIT'S SOLUTION

Engineered a multi-tenant Laravel backend utilizing Redis caching. Implemented geo-fenced location validation (checking GPS coordinates against site perimeters) and hierarchical multi-level approval matrices.

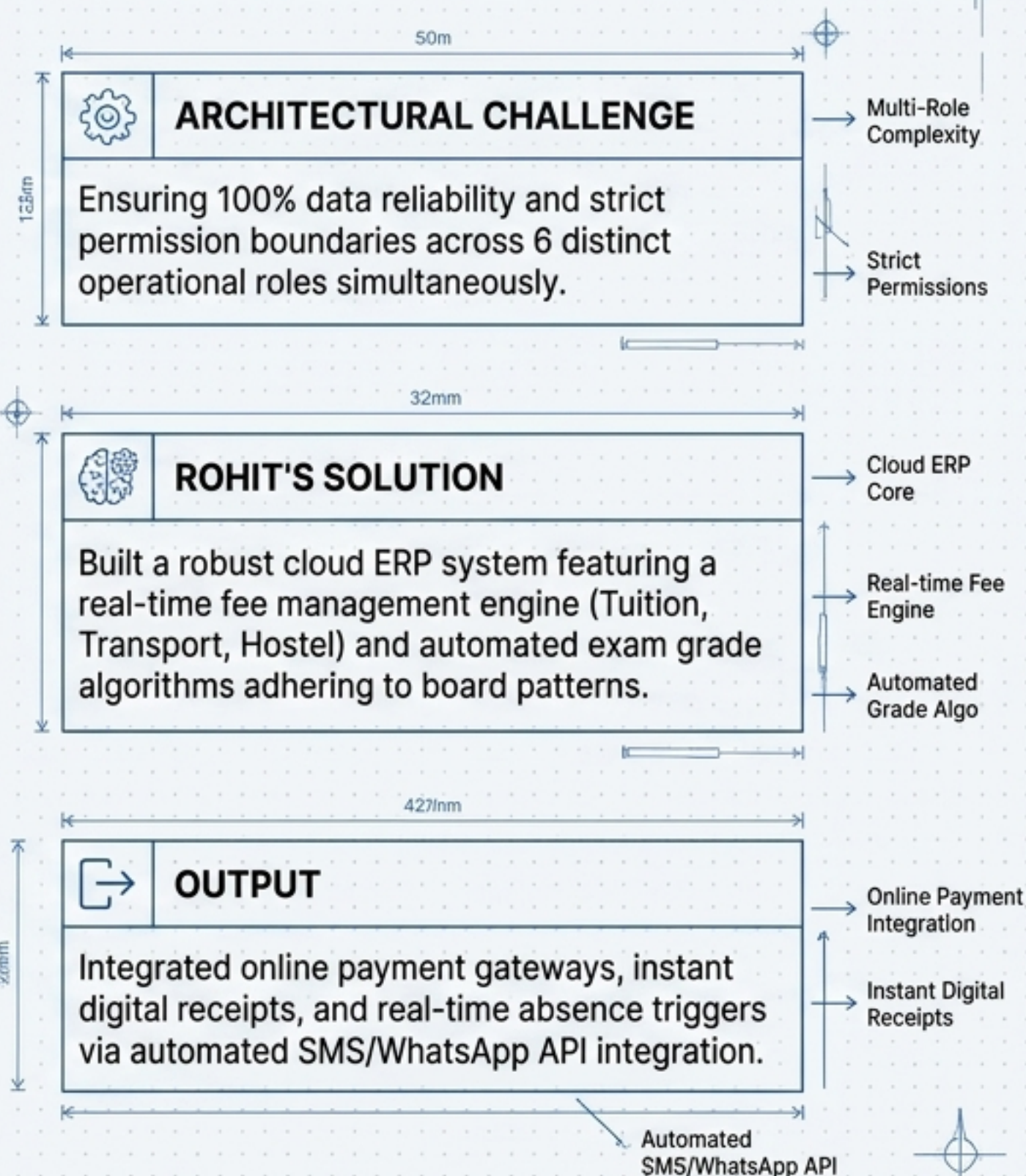
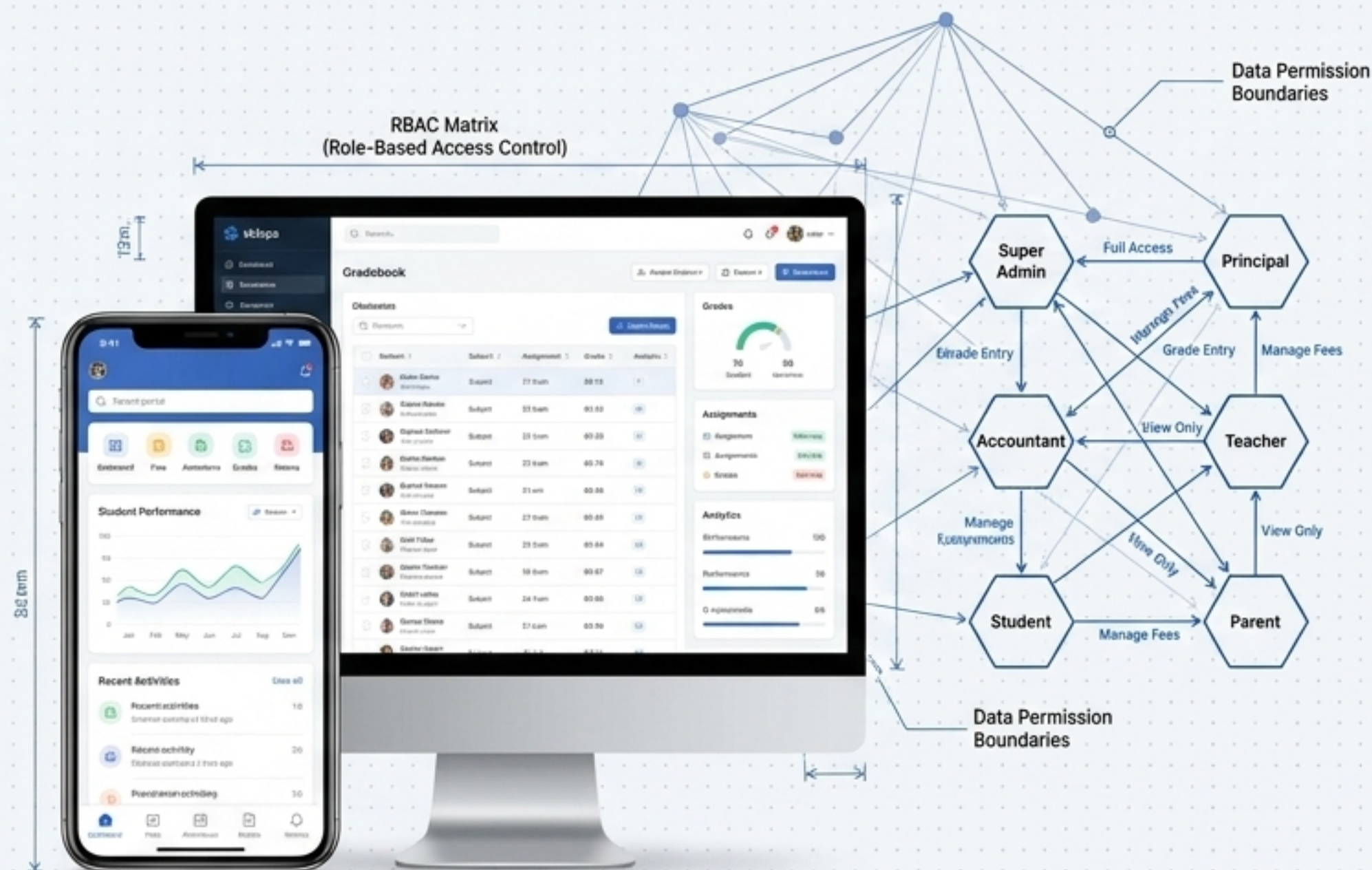


OUTPUT

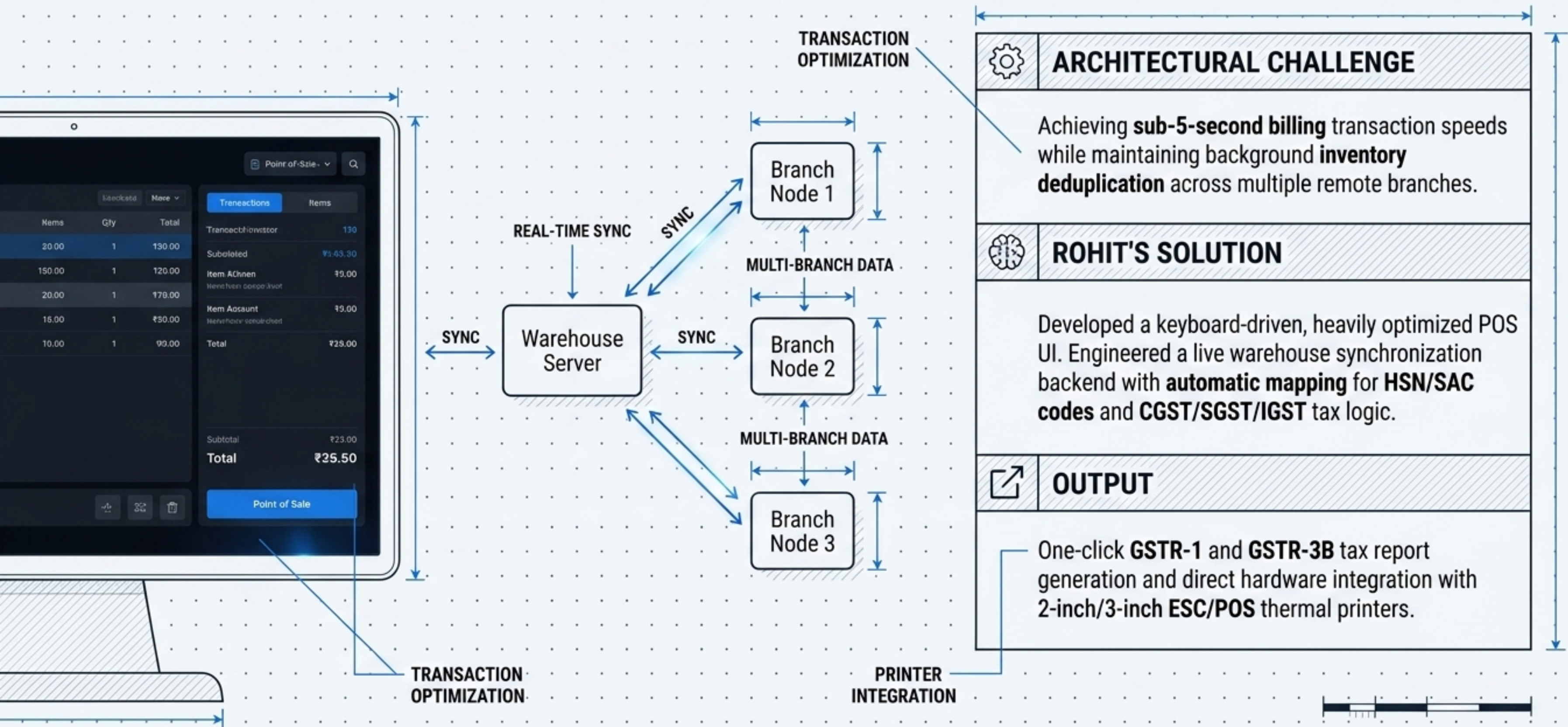
Instant compliance reporting, automated Form 16/TDS generation, and real-time salary calculations.

Flagship 02: SKLOPS School ERP & Parent Portal

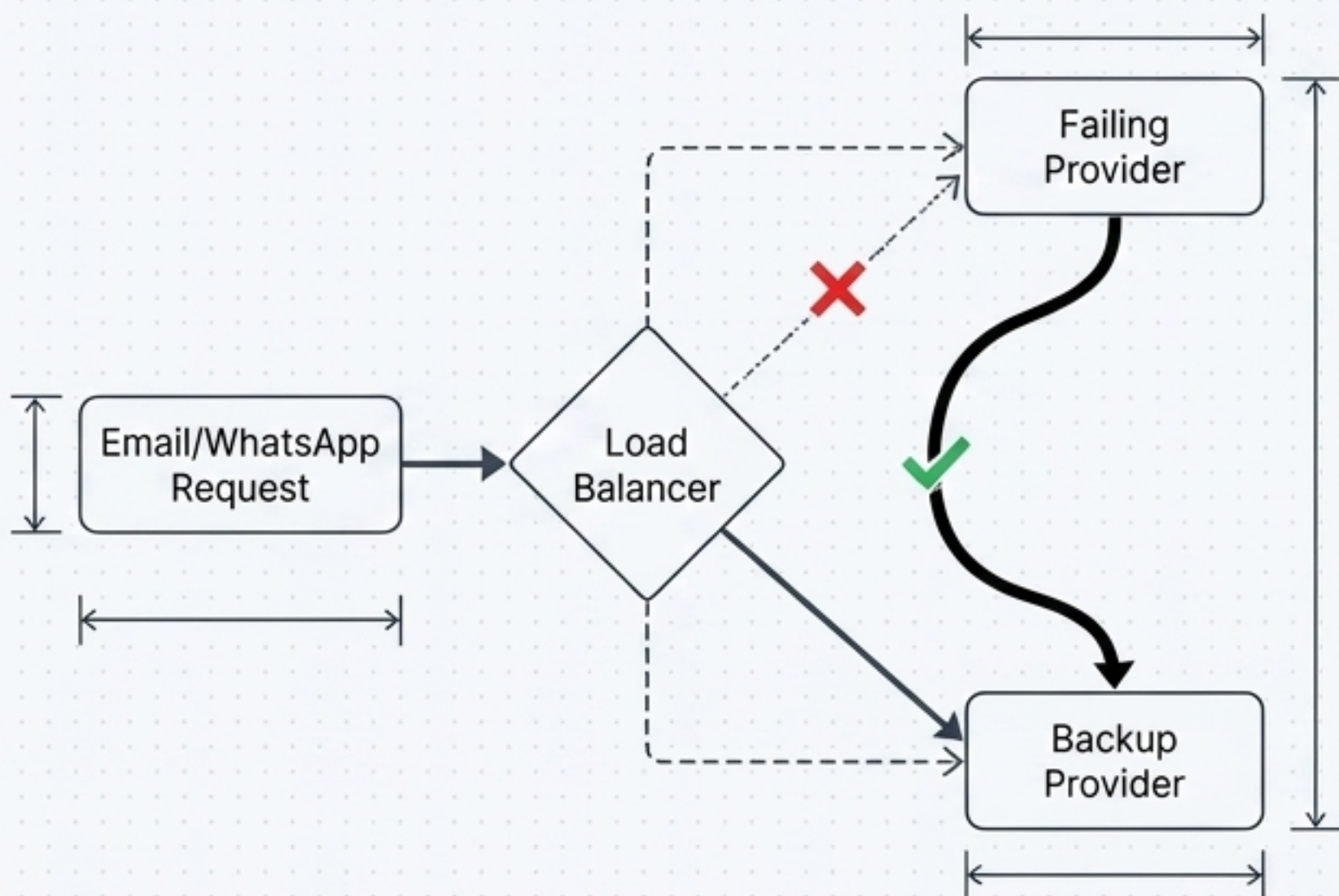
sklops.com



Flagship 03: Vedant Billing & Retail ERP vedantbilling.com

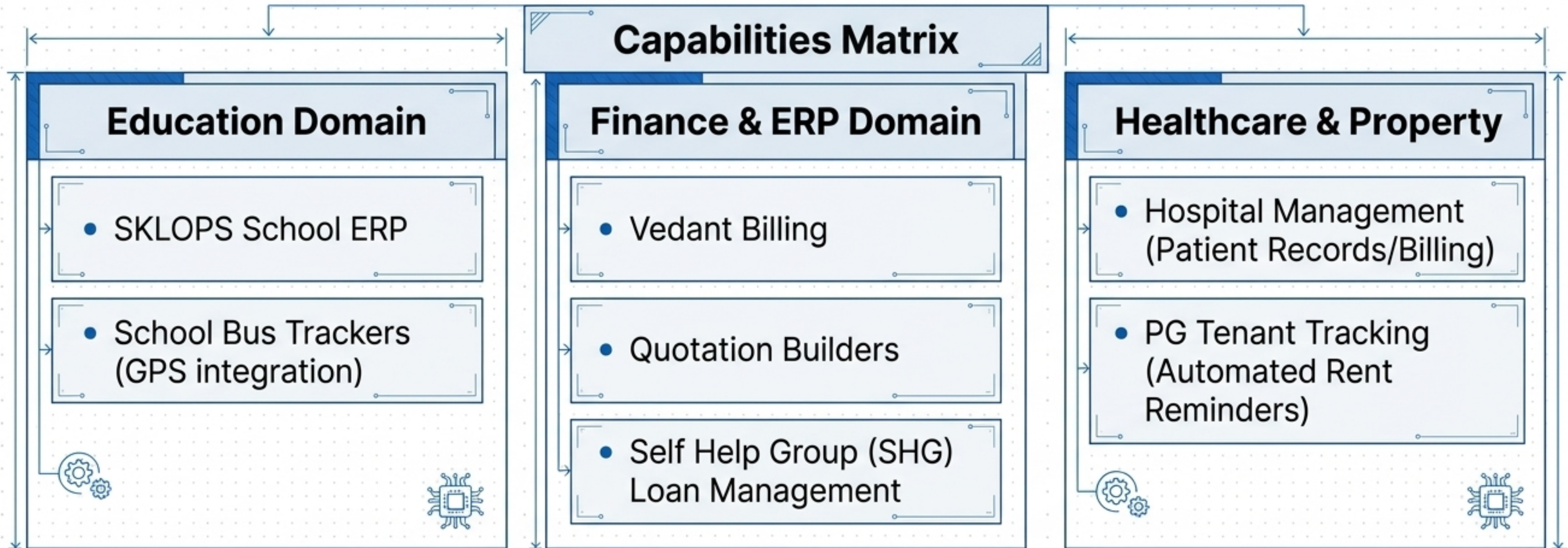


Flagship 04: Solidrix Send & Meta Automations send.solidrix.com



🏛️	ARCHITECTURAL CHALLENGE
1	Bypassing rate limits, domain blacklisting, and external provider outages during high-volume transactional dispatches.
🧠	ROHIT'S SOLUTION
2	Engineered a Node.js/Redis worker thread microservice featuring multi-SMTP load balancing (Amazon SES, SendGrid, Postmark) with instant automated failover routing.
📋	OUTPUT
3	Redis-backed async queues processing thousands of messages per minute with zero bottlenecking, paired with an official Meta WhatsApp Cloud API v18+ tree-based bot engine.

Synthesis: 20+ Production Systems



The Common Denominator: Every system utilizes high availability architecture, automated CI/CD deployment pipelines, and custom RBAC logic—reliably serving thousands of active daily users.

**“Delivering
99.9% uptime
and replacing
operational
friction with
seamless,
self-healing
architecture.”**



**Elite Software
Architecture Consulting**



**Technical Leadership &
Fractional CTO Roles**



**Enterprise SaaS Product
Development**



**DevOps Automation &
Cloud Infrastructure Audits**

Rohit Kumar (Coolhax RK)



Email: rohitkmarch96@gmail.com

Direct / WhatsApp: +91-7007420572

LinkedIn: linkedin.com/in/rohitk-coolhax

GitHub (OSS): github.com/techie829-oss