Deployment Diagram - Kubernetes & Blockchain

Client Device

Browser / Mobile App

HTTPS

Cloud Infrastructure

Kubernetes Cluster

Monitoring Namespace

Grafana

Visualize Data

Load Balancer

Pod: API Gateway

API Gateway Container

Prometheus

gRPC/HTTP

Pull Metrics

Pod: Services

Notification Service Container

User Service Container

Order Service Container

RPC Call (Record Tx)

Data Layer

PostgreSQL Cluster

Kafka/RabbitMQ

Blockchain Network

EVM Node 1

EVM Node 2

Smart Contract