

GBN Store - Case Study

Enterprise E-Commerce Infrastructure on Next.js

Challenge

Monolithic infrastructure unable to scale independently.
Manual deployment processes causing downtime and deployment risk.
Lack of automated monitoring for critical services.
No disaster recovery strategy, risking data loss.
Security concerns with no proper network isolation.

Solution

Microservices Architecture - Separated frontend, API, admin servers.
Multi-Node Deployment - Automatic failover and load balancing.
Automated CI/CD - Zero-downtime deployments with rollback.
Enterprise Security - Private subnets, public LB, jump server.
Comprehensive Monitoring - Real-time alerts for all services.
Backup & Recovery - Automated daily backups, CDN integration.

Results

99.95% Uptime SLA - Auto-recovery from infrastructure failures.
<5 Minute Deployments - Zero-downtime releases to production.
<30 Minute DR Recovery - Complete disaster recovery enabled.
Enterprise Reliability - Multi-node redundancy and auto-healing.

Testimonial

Lex Corp transformed our infrastructure into an enterprise-grade system that scales effortlessly. Their attention to security, automation, and reliability is exceptional. We can now confidently handle growth without infrastructure concerns. Automated deployments and monitoring give us complete peace of mind.

- GBN Store Team