

# Software Development

Off-the-shelf software rarely fits perfectly. We architect and build bespoke solutions — from internal tools to customer-facing SaaS platforms — that streamline operations and unlock new revenue streams.

## Why KHT Technologies

- Domain-driven design and clean architecture
- CI/CD pipelines with automated testing (>80% coverage)
- Microservices or modular monolith as appropriate
- Comprehensive documentation and knowledge transfer

## Featured Case Study

### Logistics ERP Modernization

Replaced a spreadsheet-based tracking system with a cloud-native ERP. Real-time inventory visibility reduced stock discrepancies by 94% and saved 20+ hours per week in manual data entry.

**94% Error Reduction**

# Software Development — Process & Engagement

## Our Proven Process

- Requirements Engineering — User stories, acceptance criteria.
- Architecture Design — Scalable, secure, cost-optimized.
- Iterative Development — CI/CD, test automation.
- Performance & Security Testing — Load testing, SAST/DAST.
- Training & Documentation — Runbooks and knowledge transfer.

## Engagement Models

- ▷ Discovery & Scoping Workshop
- ▷ Staff Augmentation (embed with your team)
- ▷ MVP Development (8-12 weeks)
- ▷ Long-term product partnership

# Software Development — Technical Specifications

## Technology Stack

Go, Python (FastAPI), PostgreSQL, MongoDB, Docker, Kubernetes (EKS), GraphQL, gRPC, Apache Kafka, AWS SQS.

## Security & Compliance

- ✓ ISO 27001 aligned practices
- ✓ GDPR / Indian IT Act 2000 ready
- ✓ OWASP Top 10 mitigation
- ✓ AES-256 encryption at rest & in transit
- ✓ Regular third-party penetration tests

## About KHT Technologies

KHT Technologies Ltd is a registered LLP headquartered in RT Nagar, Bengaluru. Founded by cybersecurity and full-stack engineering experts, we bridge enterprise-grade technology with regional business needs.