Unlock the Future of Retail with Next-Gen AI

Leverage Innovative AI-first Digital Engineering across the retail value chain to drive enhanced customer engagement and operational excellence.

Industry-Wide Challenges

**Dynamic Customer Expectations**
Technology and sociocultural shifts are shaping consumer buying behavior, making it challenging for retailers to grasp unique customer needs.

**Declining Customer Loyalty**
Industry competition, personalization gaps and omnichannel demands drive 40% consumers to switch retailers.

**Ineffective Inventory Management**
Stockouts, stemming from demand and supply chain disruptions cost retailers around 8% of revenue.

**Isolated Marketing Infrastructure**
Lack of communication between different marketing channels leads to inconsistent brand messaging.
Our Solution Offerings across the Retail Value Chain

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Our solutions are built on NVIDIA AI Enterprise

Customer Success Stories

**LLM Powered Virtual Order-Taking Assistant**

Quantiphi developed an LLM-powered conversational digital avatar that accurately captures customer orders and provides personalized and creative recommendations. Built with NVIDIA Tokkio 3.0, the avatar employs NeMo LLM and Riva for conversational AI, deployed using Triton Inference Server and TensorRT-LLM for optimized inference.

--- **Business Impact** ---

- Competitive Advantage through Upselling
- Boost in Customer Engagement
- Increased Average Order Value

**Advanced Deep Learning based Demand Forecasting**

Quantiphi engineered a robust demand forecasting solution utilizing advanced AI/ML algorithms to deliver forecasts at 15-minute intervals, accompanied by a custom dashboard for visualizing forecasts, and a functionality to set alerts and adjust variables for improved forecast control.

--- **Business Impact** ---

- Potential Savings of $5.5 Million Per Month
- 25% Reduction in Food Waste
- 25% Improvement in Forecast Accuracy

Get in touch with our experts to learn more.

Email us at: info@quantiphi.com

Quantiphi is an award-winning AI-first digital engineering company driven by the desire to reimagine and realize transformational opportunities at the heart of business. We are passionate about our customers and obsessed with problem-solving to make products smarter, customer experiences frictionless, processes autonomous and businesses safer.