softserve

GENERATIVE AI
NATURAL LANGUAGE

Microsoft Solutions Partner
Data & AI
Azure

BUSINESS BENEFITS & COMPETITIVE ADVANTAGE

- **AUTOMATE TASKS AND SCALE PROCESSES**
- **REDUCE COSTS AND INCREASE EFFICIENCY**
- **ENHANCE USER EXPERIENCE AND PERSONALIZATION**
- **ACCELERATE INNOVATION AND AI ADOPTION**

UNLOCKING BUSINESS POTENTIAL
OPPORTUNITIES & CROSS–INDUSTRY GENERATIVE AI USE CASES

ASK QUESTIONS AGAINST KNOWLEDGE

Question answering
Enterprise search, Regulatory compliance, Medical discovery, Troubleshooting & FAQ

Summarization
Market research, Financial & legal analysis, Patient history, Incident reporting

Knowledge graphs
Inventory management, Regulatory compliance, Medical coding & billing, Operational excellence, R&D

Similarity search
Product recommendations, Patient matching, Investment opportunity discovery, Competitor analysis

DERIVE INSIGHTS FROM KNOWLEDGE

Reasoning
Churn prediction, Fraud detection, Diagnosis assistance, Root cause analysis

Classification
Customer segmentation, Transaction categorization, Patient triage, Defect detection

Topic recognition
Market trends, Customer sentiment, Public health, Emerging technologies

Key-value extraction
Claims processing, KYC data collection, EHR management, Order processing

GENERATE NEW DATA BASED ON KNOWLEDGE

Conversation
Customer support, Financial advisor, Telemedicine, Operations assistant

Text generation
Personalized marketing, Patient education, Financial reports, Technical documentation

Code generation
Coding assistance, Language conversion, API integration, Test case generation, Code documentation

Language translation
Multilingual support, Medical research translation, Global compliance

SELECTED SUCCESS STORIES

A leading European corporate and investment banking group

INTELLIGENT SEARCH AND QUESTION ANSWERING IN RISK MANAGEMENT

Approximately 60% decrease in manual effort to answer questions about policy documents for internal employees

A FinTech company serving Collateralized Loan Obligation investors

AI-POWERED FINANCIAL CONTRACT REVIEW

Reduces the time required for contract review by market participants from 3-5 days to just a couple of hours

A European global financial services company

PROCUREMENT AUTOMATION IN FINANCE

Increase the quality of vendor evaluation, reduces manual effort, and maximizes ROI by allowing our client to select the best suppliers

A U.S. services and digital solutions provider for supply chain risk management

AUTOMATED COMPLIANCE VERIFICATION

The integration of AI into the company's business operations led to reducing the time and effort required for manual compliance verification

PARTNER WITH US FOR AI-DRIVEN INNOVATION

Generative AI Proof-of-Concept — 8 weeks

Design, build, and validate a Generative AI proof-of-concept for your selected business use case

Rapid AI Assessment — 1 Week

Proof-of-Concept — 7 Weeks

Deliverables
- An executive assessment report
- Problem statements, use cases, and success criteria
- A high-level PoC solution design, scope, and roadmap

Deliverables
- A feasibility report describing the main solution capabilities, limitations, and performance metrics
- Technical solution design documentation
- A standalone functional prototype of a Generative AI solution for the selected use case
- An MVP architecture and roadmap

GENERATIVE AI TECHNOLOGY STACK

OpenAI   NVIDIA   Hugging Face

WHY SOFTSERVE

STATE OF THE ART EXPERTISE

100+
AI and Data Science experts including PhDs

500+
Experts in BI, Big Data, IoT, AR/XR/ VR and Robotics

200+
Complex AI projects delivered

ARTIFICIAL INTELLIGENCE
- Deep Learning
- Computer vision
- Natural Language
- Generative AI
- Explainable AI

ADVANCED ANALYTICS
- Data Analysis
- Predictive Analytics
- Business Forecasting
- Simulation & Optimization

MLOPS & INFRASTRUCTURE
- Enterprise ML Platform
- ML Modernization
- Workload Migration
- AI Governance and Operations

VERTICAL SOLUTIONS
- Retail
- Finserv
- Industrial
- Healthcare
- Public sector
- Cross-industry

STRATEGIC ALLIANCES

Microsoft Gold Partner   NVIDIA Elite Partner   NVIDIA OMNIVERSE ENTERPRISE

ACCELERATED AI JOURNEY

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