Navikenz

Overview

Navikenz is headquartered in New Jersey, U.S. It has around 150 employees across 6 offices in 3 countries. As an IT services company, it specializes in AI that supports enterprises on their digital transformation journey. The company assists organizations in identifying, selecting, developing and adopting the most relevant Generative AI solutions to meet their business needs while uncovering opportunities for the effective application of AI capabilities.

Key Provider Capabilities

- **Comprehensive AI Strategy and Ideation Services:** Navikenz's strategy and consulting services offer comprehensive expertise enabling enterprises in strategic planning, discovery, and ideation. Leveraging advanced frameworks like the AI Strategy Blueprint, modular GenZAi framework, and the GenAI Opportunity Framework, Navikenz develops detailed roadmaps and conducts workshops with stakeholders to identify and prioritize high-ROI use cases.

- **Customizable Gen AI Solutions for Scalable Innovation:** Navikenz specializes in developing purpose designed Gen AI solutions, offering API-based access and customization for scalability and compliance whilst facilitating smooth integration into existing digital products. Additionally, it designs and implements comprehensive software platforms that empower organizations to create, deploy, and manage AI models for diverse applications, enabling them to leverage Gen AI effectively and maintain a competitive edge.

- **Gen AI CoE:** Navikenz launched its GenAI CoE which offers workshops, hackathons, collaborative research capabilities and supports strategic initiatives of both Navikenz and its clients. For clients, it designs customized training programs that target specific GenAI skills relevant to their industries, including interactive workshops and practical labs. By partnering with clients to establish their own GenAI CoEs, Navikenz helps them drive innovation and research, ensuring that GenAI technologies are adopted responsibly and effectively within their organizations and the broader ecosystem.

Benefits Delivered

- Develops a GenAI roadmap that outlines key milestones, reducing implementation time by 25-35% and offering a clear path for adoption.

- Provides scalable solutions through agent development and workload containerization.

- The change management framework reduces resistance to change by 20-30% and enhances user adoption by 30-45%.

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Sweet Spot

- **Domain expertise in Healthcare:** Navikenz has a strong focus on the healthcare sector which gives it deep industry knowledge, making it well-equipped to develop and implement specialized GenAI solutions that address healthcare-specific challenges. Its ability to understand the full spectrum of healthcare workflows can enable it to design Gen AI solutions that are highly relevant to real-world challenges.

- **Tailored offerings:** Navikenz's capability to fine-tune pre-trained models (LLM/FM) and create a GenAI solution helps to offer customized and scalable solutions such as for healthcare (e.g., pharmacovigilance, predictive diagnostics), manufacturing (e.g., predictive maintenance), and retail (e.g., customer sentiment analysis). Additionally, hybrid deployment models integrate both cloud-based and on-premises solutions. This approach provides clients with the flexibility and scalability they need, accommodating varying infrastructure requirements.

- **Enhancing LLM accuracy with GenZAi framework:** The GenZAi framework tackles key issues of hallucination, confabulation, and delusions in large language models (LLMs) through innovative mechanisms. By enhancing source attribution, it improves the model's ability to assess the reliability of information, similar to human memory filtering. Reflective processing allows the LLMs to analyze and adjust their decision-making, mitigating erroneous outputs. Additionally, the integration of divergent and convergent thinking enables the model to explore multiple possibilities before refining them into logical conclusions. Continuous learning and recalibration further ensure that the models adapt and self-correct, maintaining accuracy over time and minimizing flawed outputs..

Future roadmap

Navikenz is set to advance its growth in the Gen AI space over the next 12 months through significant strategic and technological investments.

- With a strong emphasis on innovation, Navikenz has enhanced its portfolio by developing solutions such as NaviCADE (Intelligent Document Management), NaviSCRIPT (Drafting pharmaceutical industry regulatory reports) and NaviGEN (Document Generation Accelerator).
- The company plans to introduce a reusable framework for Gen AI solutions, specifically targeting image and content generation for B2B businesses.
- Navikenz aims to develop an end-to-end LLMOps framework to effectively manage the complete development and deployment lifecycle of LLM models.
- The company will focus on creating an optimization model to enhance hardware utilization..