App modernisation

Powered by AI

Upgrade existing applications to meet modern requirements for usability, scalability and security, while reducing technical debt and increasing business value.

Context

Many organisations are struggling with old IT systems that are expensive to maintain, complex to update and that limit innovation. With a lack of developers with legacy competency and increasing demands on performance, security and scalability, modernisation becomes crucial. AI technology revolutionises the process by automating code analysis, documentation and migration, drastically reducing costs and risk, while making systems more flexible and future oriented.

Our approach

- **Discover** – AI maps and documents current systems, identifies technical debt and suggests future architecture.
- **Accelerate** – A Minimum Viable Product (MVP) is quickly built with the help of AI to demonstrate the value of the modernisation.
- **Develop** – Continuous development of the new solution with AI-driven code generation and testing.
- **Automated code analysis** – AI tools offer deep insight into legacy code and make it easier to understand and document.
- **Security and quality assurance** – AI supervises, tests and secures stability in the modernised application.
- Cloud optimisation – Transition into a flexible architecture adapted to modern cloud solutions and micro services.

Business value

- Save 40–60 % of time and costs by using AI for code analysis, documentation and refactoring .
- Reduce risk for technical errors and vulnerabilities with automated quality assurance and integrated security testing.
- Ensure a smooth transition from legacy systems to modern, scalable and cloud-based solutions.

Old Technology
Monolith Application

Modern Technology
Sustainable Application

Modernize

Migrate

Rearchitecture

Refactor/Rebuild

Retain

Rehost (lift & shift)

Cloud optimized
ROI: Medium

Cloud native
ROI: High

On premise infrastructure

Cloud infrastructure ready
ROI. Low

Containers and PaaS
Minimal code changes

Microservices Architecture & Serverless
Architected for the cloud
Modernize/rewrite code

No changes

IaaS
No code changes