

AI REVOLUTION: BUILDING SOFTWARE FASTER, SMARTER, AND BETTER

STEP INTO THE ERA OF SMARTER,
FASTER CODING

wakapi



From Code to Intelligence: Leveraging AI

At Wakapi, we integrate cutting-edge **Artificial Intelligence tools directly into our development workflows**.

By doing so, we help our clients accelerate product delivery, improve code quality, and reduce costs.

This case study showcases four real world examples where **AI transformed the way our teams work across different industries**.

WELLNESS & PERSONAL CARE APP: CROSS-PLATFORM DEVELOPMENT AT SCALE

W. CASE STUDIES

The Challenge

A client in the wellness and personal care sector required a high-performance app available on both Android and iOS. The team had to quickly adapt to a multi-platform framework solution while ensuring UX consistency.

The AI Solution

Our developers used Flutter and Dart, supported by Cursor AI, an AI-assisted integrated development environment for Windows, macOS, and Linux.

Cursor AI provided:

- Automated code completion to speed up development.
- UX assistance to ensure seamless interface design.

Impact

- Faster cross-platform deployment.
- Reduced manual debugging time.
- Increased developer productivity while maintaining consistent UX.

ENERGY EFFICIENCY INDUSTRY: INTELLIGENT DATA ANALYSIS AT SCALE

W. CASE STUDIES

The Challenge

An energy efficiency client needed to process and analyze massive volumes of internal data (mostly PDF and image-based) with accuracy, speed, and scalability.

The AI Solution

- Leveraged AWS AI tools to automatically extract and structure information from large batches of incoming documents and images.
- Integrated approved AI coding agents to enhance the development process, streamline code reviews, and automate unit testing, resulting in significantly faster delivery times and improved code quality.
- Supported the development of a custom AI system tailored to search and analyze complex internal datasets with precision.

Impact

- Reduced dependency on manual data processing.
- Saved substantial time between data reception and the delivery of analyzed results, enabling faster and smarter business decisions.

FAST FOOD INVENTORY APP: SMARTER SCALING & QUALITY CONTROL

W. CASE STUDIES

The Challenge

A leading fast-food chain required a robust application to perform inventory tracking and facilitate product procurement, helping them maintain consistent quality and prevent stockouts across their branch network.

The AI Solution

- Accelerated developer productivity by integrating Gemini Pro for AI-powered assistance in both code generation and technical content creation.
- Enhanced test automation efficiency by unifying Gemini Gems with Cucumber, Appium, and JUnit.
- Equipped the entire developer team with GitHub Copilot licenses, providing seamless AI code-completion directly within their Integrated Development Environments (IDEs).

Impact

- Achieved a significant acceleration of test automation cycles and release cadence.
- Delivered superior product quality and code reliability while maintaining current team staffing.
- Streamlined cross-functional collaboration, leading to a marked reduction in development bottlenecks.

HEALTH & SURVEYS: AI-POWERED DATA & CODE OPTIMIZATION

W. CASE STUDIES

The Challenge

Clients in the Healthcare market research industry needed to improve efficiency in large-scale data processing and coding workflows, while simultaneously optimizing the QA process to reduce manual effort and turnaround times.

The AI Solution

- Integrated GitHub Copilot to accelerate coding, debugging, and implementation across distributed teams.
- Applied AI automation to streamline complex Excel and data workflows, enabling faster and more accurate analysis.
- Leveraged prompt engineering to fine-tune AI outputs for precision and consistency across projects.
- Implemented AI-assisted code reviews, enhancing quality and reducing dependency on traditional QA cycles.

Impact

- Accelerated development cycles, enabling quicker delivery of client features and updates.
- Reduced QA overhead, cutting operational costs and freeing resources for innovation.
- Improved accuracy, reliability, and scalability in survey analytics and reporting outcomes.

Conclusion

These examples highlight how **Wakapi's proactive adoption of AI tools empowers teams to deliver more value with fewer resources**. By weaving AI into every stage of development, from design and coding to testing and data analysis, **we ensure our clients stay ahead in their industries**.