

# **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**

## 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.**