

CASE STUDY

Ardanis Transforms Payzone's Payment Platform, Accelerating Performance and Scalability.



BACKGROUND

Payzone, a leader in payment solutions, needed a technology upgrade to scale efficiently and meet growing market demands. Their mobile platform was outdated, backend services were struggling, and infrastructure limitations were slowing growth.

Payzone was introduced to Ardanis through a referral from a trusted developer already working on their projects. Impressed by Ardanis' proven expertise in process development and test automation, Payzone engaged them for consulting services.

The impact of the collaboration led to a long-term strategic partnership, focused on driving innovation, scalability, and performance.



Without addressing the presenting challenges, Payzone risked hindering its growth potential and compromising long-term success.

CHALLENGE

Payzone encountered several critical challenges :

- **Development Process & Test Automation** – Existing workflows and automation practices were inefficient, leading to slower delivery cycles and quality issues.
- **Technical Debt** – Payzone's backend services relied on outdated systems and protocols, requiring significant upgrades to improve performance and maintainability.
- **Scalability & Mobile Rebuild** – The company needed expert guidance to restructure and rebuild its mobile platform for greater stability and future growth.
- **On-Premises Infrastructure** – Unlike a typical cloud-based deployment, Payzone's infrastructure was on-premises, requiring tailored scalability solutions.



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SOLUTION

Ardanis collaborated closely with Payzone to implement a structured, scalable, and efficient solution:

This solution included:

- Process Development – Conducted a detailed review of Payzone's development workflows, providing best practice recommendations to streamline operations.
- Test Automation Review – Performed an in-depth audit, offering guidance on improving Payzone's test suite and automation coverage for better efficiency.
- Delivery Team Support – Assisted in assembling a dedicated delivery team and contributed to the backend and mobile platform rebuild to align with industry standards.

Technology Stack Enhancements :

- Backend: Modernised using .NET to create a more robust and scalable system.
- Mobile App: Rebuilt with Kotlin for an efficient and high-performance Android experience.

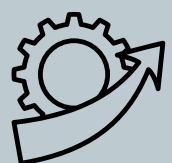
By adopting an agile methodology, Ardanis ensured that Payzone could quickly integrate best practices while maintaining focus on long-term goals.

KEY OUTCOMES

The collaboration with Ardanis led to measurable improvements in performance, efficiency, and scalability. By adopting an agile methodology, Ardanis ensured that Payzone could quickly integrate best practices while maintaining focus on long-term goals.



Mobile Platform Rebuild: UX experience transformed with rapid load times and enhanced reliability.



Backend Enhancements: Modernised protocols, resolved technical debt, and enabled seamless scalability for future growth.



Operational Efficiency & Partnership: Streamlined processes with ongoing collaboration for growth.



Test Automation Strategy: Robust strategy established to optimise both manual and automated testing.

Ardanis partnered with Payzone to overhaul its mobile and backend platforms, addressing technical debt, streamlining development processes, and implementing scalable solutions, resulting in improved performance, enhanced user experience, and a future-proof infrastructure capable of supporting the company's growth and evolving business needs.



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