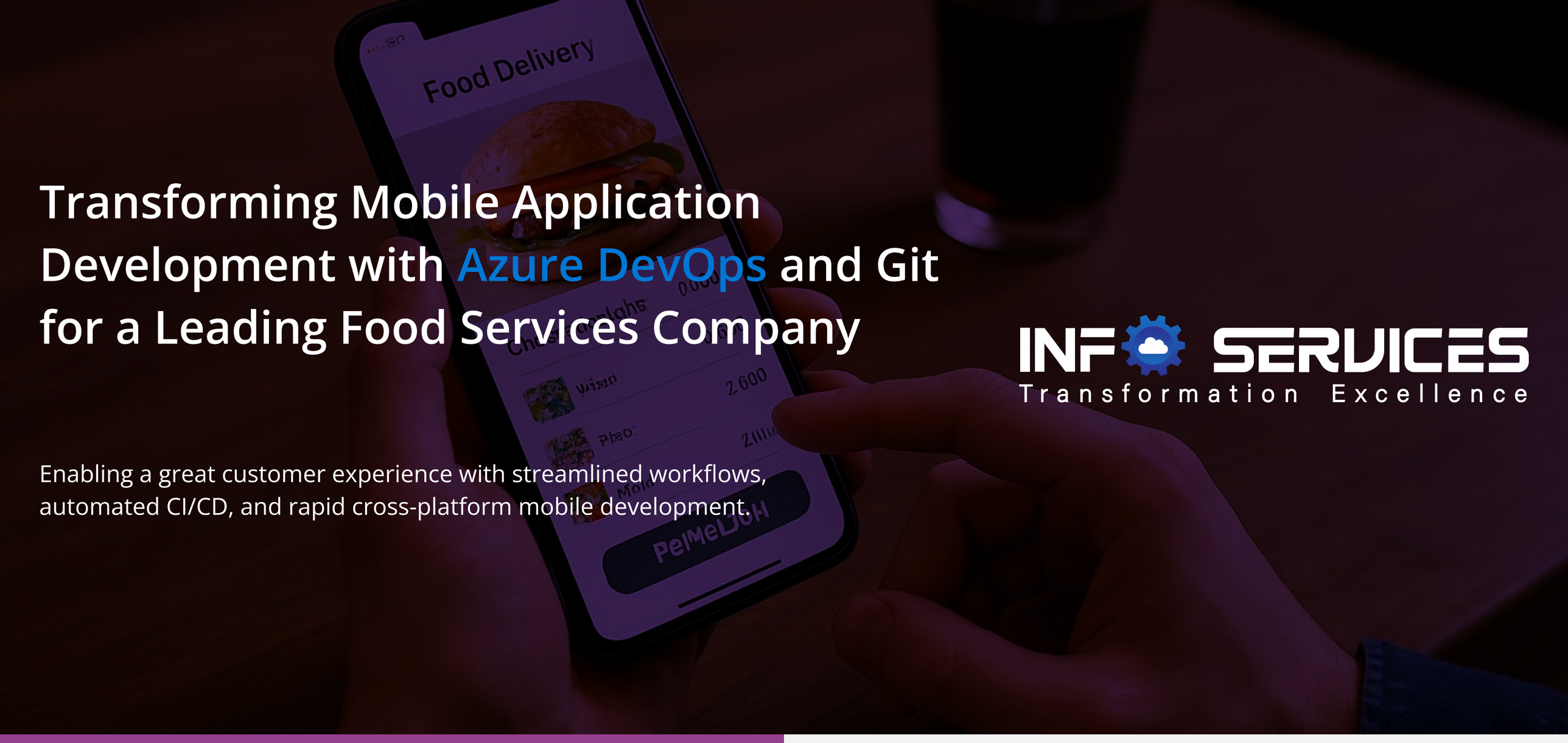


Transforming Mobile Application Development with Azure DevOps and Git for a Leading Food Services Company

INFO SERVICES
Transformation Excellence

Enabling a great customer experience with streamlined workflows, automated CI/CD, and rapid cross-platform mobile development.

Overview

This case study highlights how a leading food services provider improved its mobile app development by partnering with a development team to implement Git and Azure DevOps, enabling faster, reliable CI/CD deployments. The resulting cross-platform app supports online ordering, delivery tracking, notifications, and integrates with Azure SQL and REST APIs.

his transformation was able to achieve 30% time savings in development, facilitated better collaboration between teams, and immensely increased customer interaction and business efficiency.

Objectives

- Accelerate development timelines and ensure robust, reliable performance in mobile application delivery.
- Streamline the entire development lifecycle by automating build, testing, and deployment processes for increased efficiency, speed of delivery and reliability.
- Unify project oversight through centralized tracking, fostering enhanced visibility, collaboration, and alignment across cross-functional teams.
- Deliver a scalable, cross-platform mobile application.
- Develop and deploy high-performance mobile applications that scale seamlessly across platforms, ensuring broad reach and consistent user experiences.
- Drive deeper user engagement by integrating dynamic, real-time features that deliver instant responsiveness and a richer app experience.
- Maintain code integrity and development standards by implementing industry-aligned Git workflows and best practices across teams.

About Client

A popular Michigan food services company and the provider of high quality multi-cuisine meals through both digital and physical channels. The firm is known for its authentic flavors, quality ingredients, a diverse menu and versatile food serving styles. All these made them develop a loyal and growing customer base.

Industry

Food & Beverage

Years in Business

5 years

Company Size

50

Geographical Presence

MI, United States

Challenges

- **Overcoming Resistance:** Some team members hesitated to adopt Git workflows due to unfamiliarity, fearing disruptions, errors, and a steep learning curve.
- **Optimizing CI/CD Pipelines:** The team needed automated pipelines for Android and iOS, optimizing speed, simplicity, and tool integration for faster cycles.
- **Cross-Platform Testing:** Ensuring consistency across platforms was challenging due to device variations, system quirks, and the need for meticulous adjustments.

Solutions

- **Azure DevOps Implementation:** Azure Boards managed sprints, Git centralized code, and CI/CD pipelines sped up and clarified development.
- **Git Best Practices:** Feature branches enabled independent work, while pull requests and standard commits ensured quality and traceability.
- **Mobile Application Development:** The React Native app delivered a smooth cross-platform experience with Azure SQL and REST APIs, featuring tracking, ordering, notifications, and feedback.

Technologies Used

REST API

SQL

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Azure DevOps

React Native

Customer Testimony

The client has garnered loads of excellent reviews for both its incredible food and excellent service. Customers appreciate the real flavors, fresh ingredients, and vast menu options to suit various tastes. The crew frequently receives compliments for being extremely friendly, responsive, and quick; making every experience a great one. Dum Biryani and Butter Paneer are favorite go-tos with regulars. Customers are raving about the uniform quality, large servings, and pleasant, friendly ambiance. There are many who have mentioned that the mobile app makes ordering even easier and that the overall experience is improved.

Impact

Reduced Development Time

A 30% improvement in delivery timelines enabled quicker feature rollouts, responsive feedback loops, and increased productivity across development stages.

Improved Team Collaboration

Azure DevOps centralized configuration, improving communication, task alignment, and collaboration across development, QA, and operations teams throughout the lifecycle.

Enhanced Customer Engagement

Real-time features and mobile-first design improved user experience, boosting satisfaction, engagement, retention, and operational efficiency through seamless communication.

Deployment Reliability

Automated pipelines reduced errors, ensuring stable rollouts, faster releases, and consistent deployment, enhancing reliability and improving user experience

Summary

By adopting Azure DevOps, Git best practices, and a strong development approach, the company streamlined mobile development with automated CI/CD, improved collaboration, and faster deployments. This led to a high-performing, scalable app that boosted efficiency, customer engagement, and long-term digital growth.