InsightAI

CLIENT STORY

Accelerating Mobile Language Learning Delivery For A Global Education Provider



Education

Story Snapshot

A leading international education provider needed to accelerate development of a mobile language learning application offering comprehensive digital courses. Limited internal resources were slowing delivery and impacting release timelines. Insight AI provided an extended development team that integrated with the client's existing setup, using microservices and modern mobile and web technologies to increase development velocity. As a result, the mobile application we built went live in 6 app stores across multiple countries, expanding its international reach.

The Challenge

The client needed additional support to develop their mobile language learning application, but limited internal resources were slowing development and affecting delivery timelines. This constraint risked delaying the rollout of a strategically important product in a highly competitive digital education market, where speed to market and continuous feature delivery are critical. The challenge was to increase development capacity without disrupting existing processes, while maintaining high quality and effective communication across an international project.





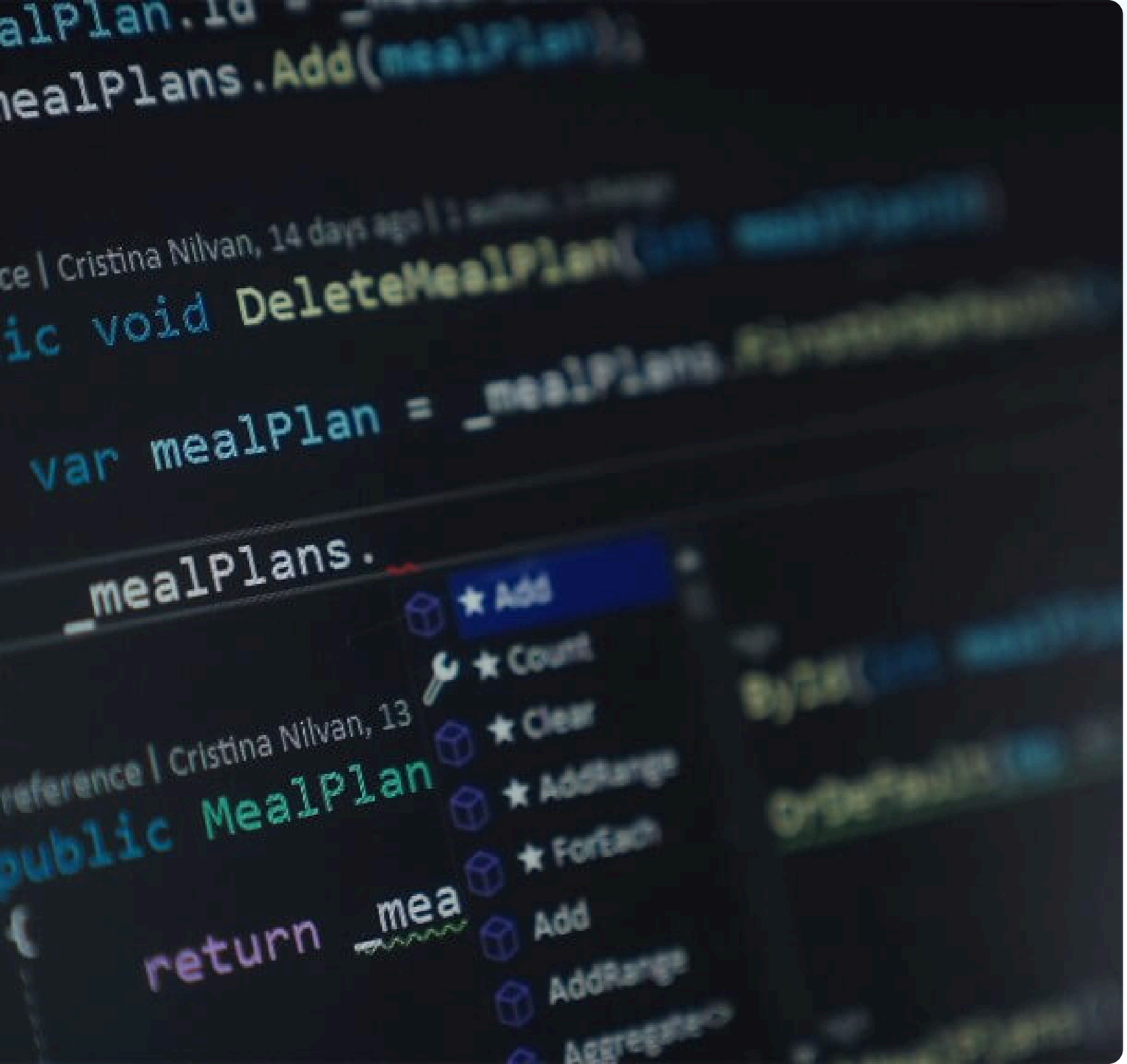
The Solution

Insight AI addressed these challenges by providing an extended development team that operated as a seamless extension of the client's internal capabilities. Working within a Scrum framework, Insight AI's developers joined the existing workflows and used collaboration tools such as Jira, Confluence, and Git to maintain transparency and alignment. The solution was built using a microservices architecture hosted on AWS, with a modern technology stack including Kotlin and Swift for mobile development, Next.js, TypeScript, and Tailwind CSS for the frontend, and Java, Python, and PostgreSQL on the backend. This custom-built approach focused on accelerating feature delivery for the mobile application while preserving quality and scalability, rather than relying on off-the-shelf products.

Results

- **International reach:** The mobile application went live in **6** app stores across Turkey, Switzerland, Ukraine, the Netherlands and Benelux, and Indonesia.
- **Development speed:** The client achieved faster development and quicker feature releases by augmenting their team with experienced developers.
- **Operational efficiency:** Delivery timelines improved as resource constraints were reduced through scalable team extension.
- **Talent quality:** The client highlighted the high quality of talent, efficient team scaling, and excellent communication throughout the project.





Technical Highlights

The project followed a Scrum methodology, enabling iterative delivery and close collaboration between Insight AI and the client's internal team. The technical solution used a microservices architecture deployed on AWS, supporting modular development and scalability for the international platform. Mobile development was implemented with Kotlin for Android and Swift/SwiftUI for iOS, while the web frontend leveraged Next.js, TypeScript, and Tailwind CSS. Backend services utilised Java and Python with PostgreSQL for data management. Collaboration and development were coordinated through Jira, Confluence, and Git, ensuring clear communication and version control. There were no major integrations or data migrations, allowing the team to focus on core feature development and stable releases across multiple app stores.



Why Insight AI?

Insight AI was chosen for their ability to provide skilled developers through a flexible team extension model that aligned with the client's culture and ways of working. Their technical depth across mobile, web, and cloud technologies matched the needs of a complex international education project. Insight AI demonstrated strong responsiveness, high quality talent, and efficient scaling of resources, operating as an integrated extension of the client's team. This collaborative, client-centric approach made Insight AI well suited to support a leading education provider in delivering a competitive digital language learning platform.

Insight AI

Thank you for reading

Confidentiality Statement

This document contains confidential and proprietary information belonging to Insight AI. It is intended solely for use by authorised personnel for understanding and implementing the tone of voice guidelines outlined herein.

Unauthorised disclosure, distribution, or copying of any part of this document is strictly prohibited. If you are not the intended recipient, please notify the sender immediately and delete this document from your system.

By accessing this document, you agree to maintain its confidentiality and to abide by the guidelines set forth by Insight AI for the protection of its intellectual property.