End-to-End Platform Engineering For A Leading Software Provider

Magic EdTech

The Client

The client is a leading provider of integrated software, assessment, and analytics solutions, utilizing a flexible and extensible technology platform to power superior learning outcomes and skill proficiency.

The Challenge

The client was looking for a tech expert in the edtech domain to partner with, who could not only deliver the mobile app on time but also develop the code, which was reusable, testable, adaptable, portable, and maintainable for years to come. They were having trouble keeping up pace with delivery and quality.

Critical Success Parameters

✓ Understanding the client domain and their requirements.

✓ Elevating the code quality benchmark and ensuring faster TAT.

✓ Modular approach through code reusability and common component building for a large pool of apps.

Our Approach

✓ Magic does regular code reviews, following a rigorous GIT flow approach. We improved code coverage by over 80% through Unit Tests and use code analysis tools to ensure quality throughout the growing code.

✓ Followed more than 90% FTR (first-time right) adherence by clearly understanding requirements, diligently sorting out dependencies, and minimizing blockers that ultimately reduced rework and ensured timely delivery.

✓ Any time Magic develops an app or module, our team ensures that the code can be reused and repurposed as per the clients needs.

✓ Our code was covered with as high as 80% Unit Test cases and have moved to 100% automation in app release and build distribution to save time and resource costs.

Key Result Highlights

80% Of code quality was enhanced through unit tests.

100% automation in app release and build distribution.

Drove cost reduction of **60%** for the client due to Magic EdTech's in-house reusable frameworks.