Case Study

# End-to-End Platform Development for a Leading Education Service Provider

**Magic EdTech**

## The Client
The client is a leading education service provider that focuses on delivering effective, affordable and easy-to-use supplemental elementary resources.

## The Challenge
The client was looking for an offshore-based technology partner to develop new features with legacy features, end-to-end development of their existing product with new technology, and STEM case QA support to test interactive activities.

## Critical Success Parameters
✔ Develop new features for end users.

✔ Create admin portal to manage product features.

✔ Generate test data to show activity reports.

✔ Analyze legacy products and test interactive activities.

✔ Develop new products using tech stacks.

✔ Generate usage reports and update database regularly.

## Our Approach
✔ Developed end-user & admin portals using JAVA and VueJS.

✔ Created usage reports for multiple products.

✔ Integrated SonarCloud to check code quality for gradual improvements.

✔ Generated batch jobs to achieve background process via JAVA.

✔ Developed S4US product with legacy required features and new features.

## Key Result Highlights

Developed **100%** required features within given timeframes.

Close collaboration with the onshore team for optimized work efficiency.

Enhanced code quality by over **80%**.

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