BOYLE SOFTWARE
A **Beyondsoft** Company

Fostering faster digital transformations to deliver value to client

At a glance

Industry
Youth Organization

Business problem
Re-platforming of the website from salesforce commerce to SAP Commerce and reducing cost overheads due to delays in project

Expected goals
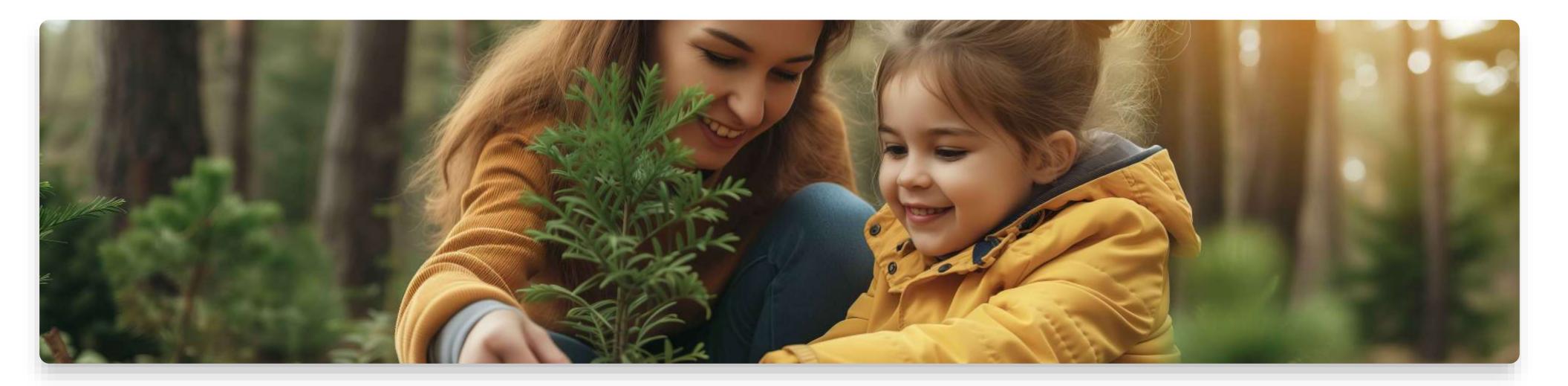Re-platform website, reducing delays and cost overheads in project execution

Solution
Technical design of the website with faster deployment and migration

Context

The client is a famous North American youth organization providing group bonding activities, educational events for kids, and volunteer opportunities for adults. Although not a traditional e-commerce platform, the website served as a way for adults to sign up to volunteer and register their children for events.

Business problem

A re-platforming effort from Salesforce Commerce to SAP Commerce was underway for the client. However, the project was getting delayed, which led to increased expenses. Beyondsoft was introduced to work on behalf of the primary vendor and aid in designing the new system and establishing/executing a data migration strategy.

Expected goals

The key goals expected from this engagement were:

- Architect a custom event ticketing system
- Reduce the cost overhead of the project
- Support the client's development team

Solution delivered

The solution here was in technical design rather than implementation. The requirements went against standard practice for SAP Commerce, so it was necessary to customize the system while taking advantage of out-of-the-box features where possible. The event-ticketing solution was particular to the client's needs rather than standard practice in the industry, which had primary requirements for background checks and proper vetting of approved attendees.

Solution highlights

- Detailed design documents were provided following industry standards (UML - data model, sequence diagrams, cross-platform swim lanes.
- Specifics of asynchronous vs. time-sensitive data integrations were completed.
- Caching requirements for performance considerations were implemented
- Communication and support were provided to an offshore developer team that would implement the proposed design.

Technology stack deployed:

- Frontend - Headless application in React.js
- Backend - SAP Commerce Cloud v2

Outcomes of the engagement

The key outcomes achieved through the solution are:

Faster implementation of the tech stack
The engagement helped the client in their re-platforming efforts with a faster timeline.

Reduced cost overheads
The faster implementation of the new tech stack helped the client to reduce their cost overheads significantly.

Key project outcome metrics:

30%
Increase in website
event ticket booking

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Since our founding 35 years ago, Boyle Software has been a company that is far more than the sum of its parts.

A subsidiary of global consultancy Beyondsoft since 2020, we pride ourselves on our highly skilled team, full of passion and knowledge for the latest design concepts and technologies.

Headquartered in New York City since 1995, we have operations in Europe and resources all around the globe - from Uruguay to Costa Rica, from Singapore to Thailand.