

# Optimized System To Enhance Speed, UI & Efficiency

## Client

The client is into global digital and VOD distribution service provider for all major studios and Independent filmmakers. The company has been rated as one of the best VOD aggregators for iTunes, Netflix, and several other VOD platforms.

## Challenges

- To increase the speed and performance of uploading and managing assets.
- To perform database optimization to improve the search speed.
- To improve user experience.
- To manage all the media data using titles.
- Develop a responsive and mobile-friendly design compatible with all devices.

## Solution

- The Navtech team applied multiple filters to optimize database queries and improve data retrieval speed.
- We created a single portal to manage all client assets to improve their user experience.
- Client's content was integrated and managed very easily.
- All the testing procedures were automated.
- We migrated client's system from java to .net for faster performance.
- API integration was also enabled to allow users to share content on different platforms.

## Technologies & Platforms

### BACKEND



### FRONTEND



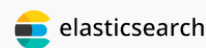
### CLOUD VENDOR



### INTEGRATIONS



### MOBILE APP



## Outcome

- The time factor to fetch data has improved from 30 min to 5 min.
- Monitoring processes using Kafka and Feed monitor has increased work efficiency by 20x.
- More than 1000 titles are automatically updated on a daily basis.
- All real-time data processes take 5 minutes or less.