



Advanced Frontend Development of a Live Streaming Video Engine with Adaptable and Intelligent Experiences

Media & Entertainment Case Study

Client Overview

- The client is a solution provider in the media and entertainment industry envisioning a platform that aims to build a revolutionary content streaming engine on the cloud and content view experience across channels and devices.

Business Requirements

- Create end-to-End Video Ecosystem to stream real-time content feeds with personalized and interactive experiences.
- Enable Configurable and Customizable Layouts.
- Facilitate consistent experience on Web and Mobile (iOS and Android) Platforms.

Application Overview

- The application (web and mobile platform) is an advanced multi-screen technology that combines multiple streaming content into a high-definition output brought into a single screen. It offers dynamic customization options – configure multiple channels in view screen, layout options and a set of modern responsive features.

Solutions

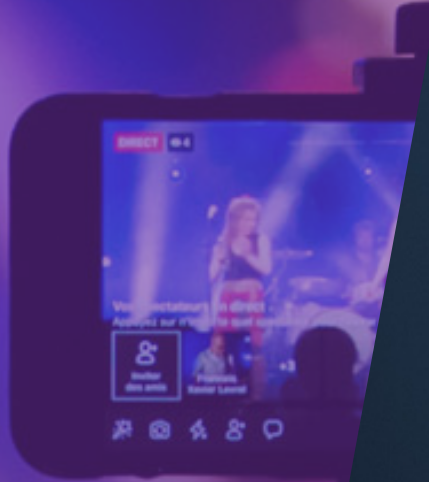
- Indium designed and developed a competitive and flexible Media Platform encompassing
 - SaaS Cloud Based Video Platform.
 - Web and Mobile (Android and iOS) for End-to-End Video Management with focused user experience goals and real time delivery.
 - Channel Features: Avenues for users to set up categorized channels based on personal interests for Sports, Gaming etc.
- The developed application included Interactive Multi-layering features, Streaming Controls and Settings – Drag and Drop interface functions.
- Added Features: Event Triggers, share content / invite users to view channels.

Tools



Business Impact

- Delivered a high-performance front-end solution that presents content feeds as a result of dynamic settings – with ultra-low latency.
- Developed a flexible web and mobile platform that hosts parallel video streaming and innovative user interface functionality that allows personal user channels, layouts, overlay views and experience features.
- The solution being an innovative one in the market (patent pending), Indium stepped up in comprehending the concept and translating it into business outcomes with best turn arounds.
- Robust Solution for parallel processing strength of videos.



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