



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

Digital
Services

Success Story

Client Status Quo

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. The concept closes the gaps in fragmented content views allowing users to stream content into a single display, along with simultaneous streaming on TV, Chromecast, PS4, Xbox One etc. (HDMI driven devices).

The client required a Development Partner to create an advanced Frontend experience that is user friendly in terms of configuring layouts, streaming controls, seamlessly switching between multiple channels and so on.

Application Overview

The platform (web and mobile) 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.

Business Requirements

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

Solution Highlights

- 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.

- Interactive Multi-layering features.
- Streaming Controls and Settings – Drag and Drop interface functions.
- Added Features: Event Triggers, share content / invite users to view channels.

Value Additions

- 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.
- Delivered a high-performance front-end solution that presents content feeds as a result of dynamic settings – with ultra-low latency.
- Robust Solution for parallel processing strength of videos.

Application

SaaS Cloud Based Live Streaming Video Engine

Domain

Media and Entertainment

Services

Web and Mobile App Development

Tech Stack

Android and iOS
Vue.js (Front end)

Key Highlights

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



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