



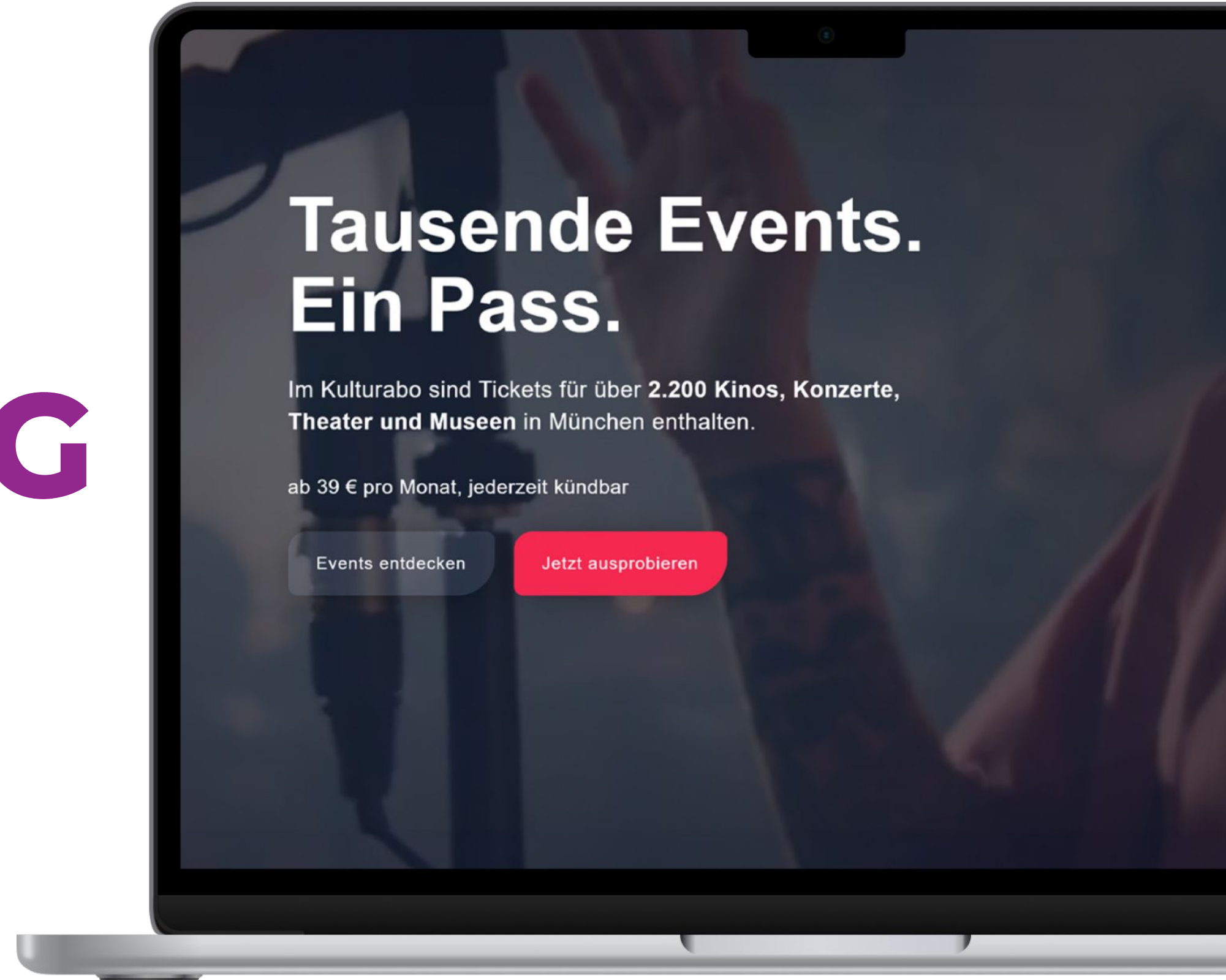
Case study

# EVENT SCHEDULING SOLUTION

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#Entertainment  
#Marketplace  
#FinTech

Client  
Germany



## About The Client

Client is a prominent German-based company that has managed to garner a loyal following among event enthusiasts. Their website acts as a one-stop shop for users who are looking to gain access to cultural offerings, sporting events, theatrical spectacles, and other entertainment events. Users get access to a vast number of events, which they can seamlessly book. Moreover, the platform offers users the added benefit of keeping them informed of all cultural events taking place in their locality, ensuring they do not miss out on any exciting happenings. The product will soon be rolled out to customers in Munich, but there are plans to potentially expand to other cities and possibly all of Germany.

## The Challenge

Although some of the functionalities were already implemented, the client required additional features to cater to the diverse and complex needs of event organizers and attendees. The Clover Dynamics team had to add the functionality of subscriptions - upgrade/downgrade subscriptions, cancel/pause subscriptions, add integration with PayPal, likes / dislikes, etc. Additionally, the website had to support integration with third-party APIs - event providers, implementation of reservations, and purchase of tickets from these providers using APIs.



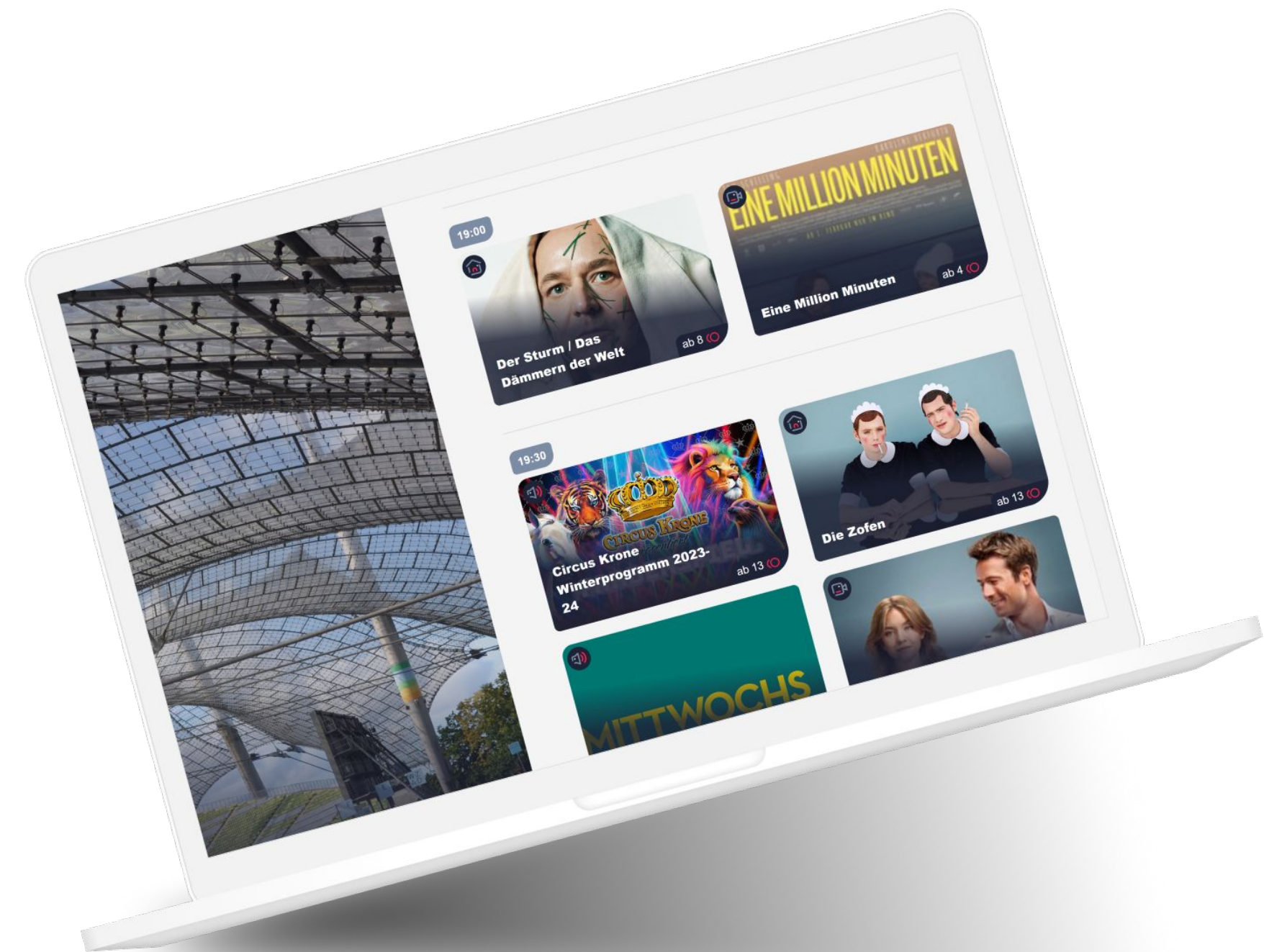
# The Solution

**Clover dynamics developers equipped the client's website with a set of basic functions necessary for its release and safe operation**

During the development process, the Clover Dynamics team employed a meticulous approach to ensure that everything worked seamlessly. We utilized Node.js and TypeScript to establish a robust backend structure that provides optimum performance and scalability while facilitating the creation of APIs and the implementation of data security.

Our team also employed the Firebase Cloud platform, specifically Authentication, Firestore, and Storage services, to enhance the functionality of the website. Authentication was added to boost security measures, while Firestore was used to store and manage data effectively. Storage was configured to enable efficient and safe delivery of media files and other identifying content to users.

**Furthermore, Clover Dynamics utilized Angular 14 to design and develop the UI of the website, providing a highly responsive and visually appealing interface.**



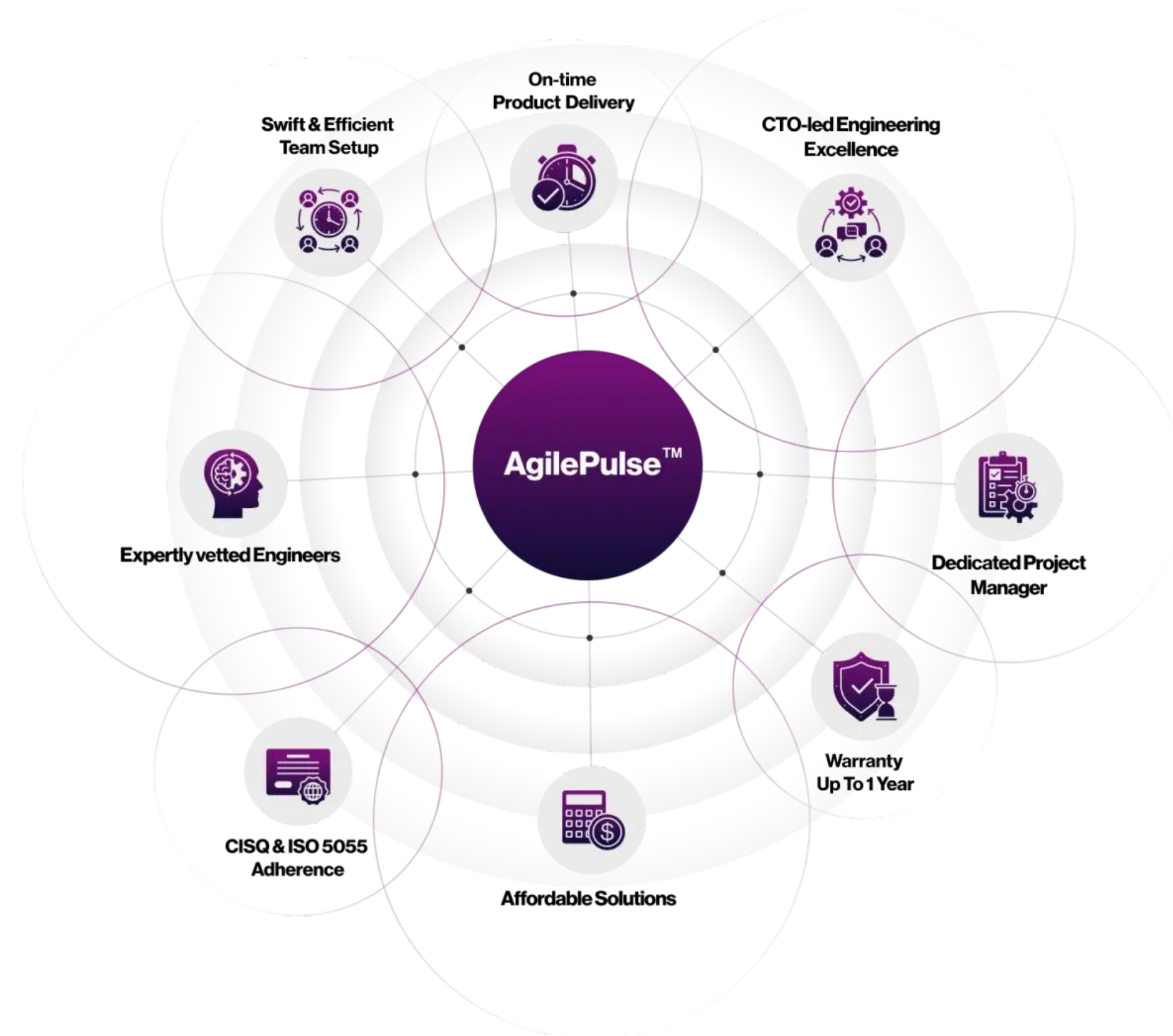


# Benefits of Clover Dynamics

At Clover Dynamics, we believe in building long-term relationships with our clients through exceptional customer experience. We provide a full cycle of product development services & Team Extension, that go beyond coding and into the realm of delivering value. Our team of skilled professionals is dedicated to helping our clients achieve their business goals through innovative technology solutions and unparalleled customer experience.

Drive your project to success with CTO-led engineering excellence, ensuring that every aspect of your development is guided by top-tier expertise and precision. Our expertly-vetted engineers are selected through a rigorous process, guaranteeing that your team is composed of subject matter experts dedicated to delivering quality results. Benefit from continuous CTO oversight throughout your project, providing a layer of strategic insight and oversight that sets the standard for excellence.

Let's talk! →

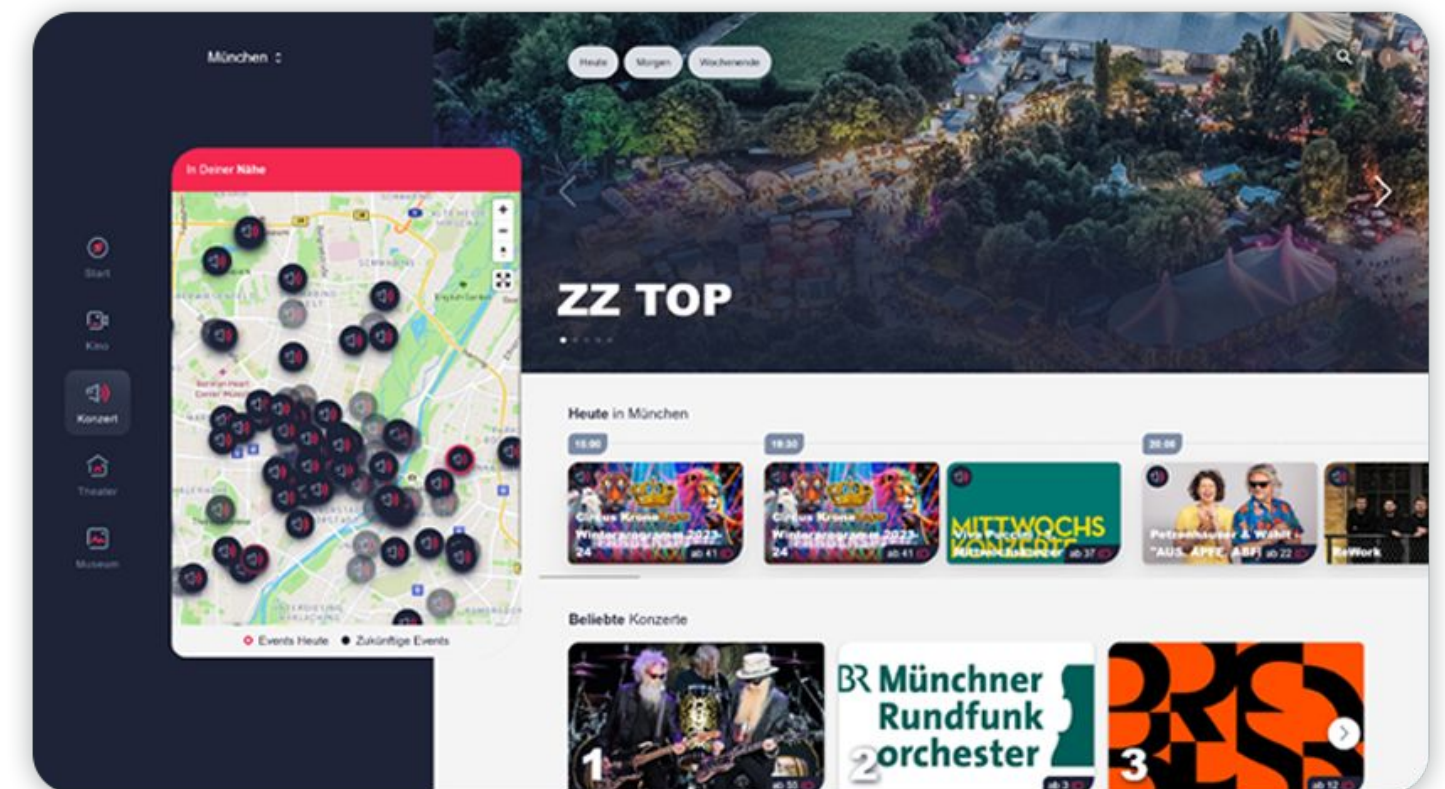
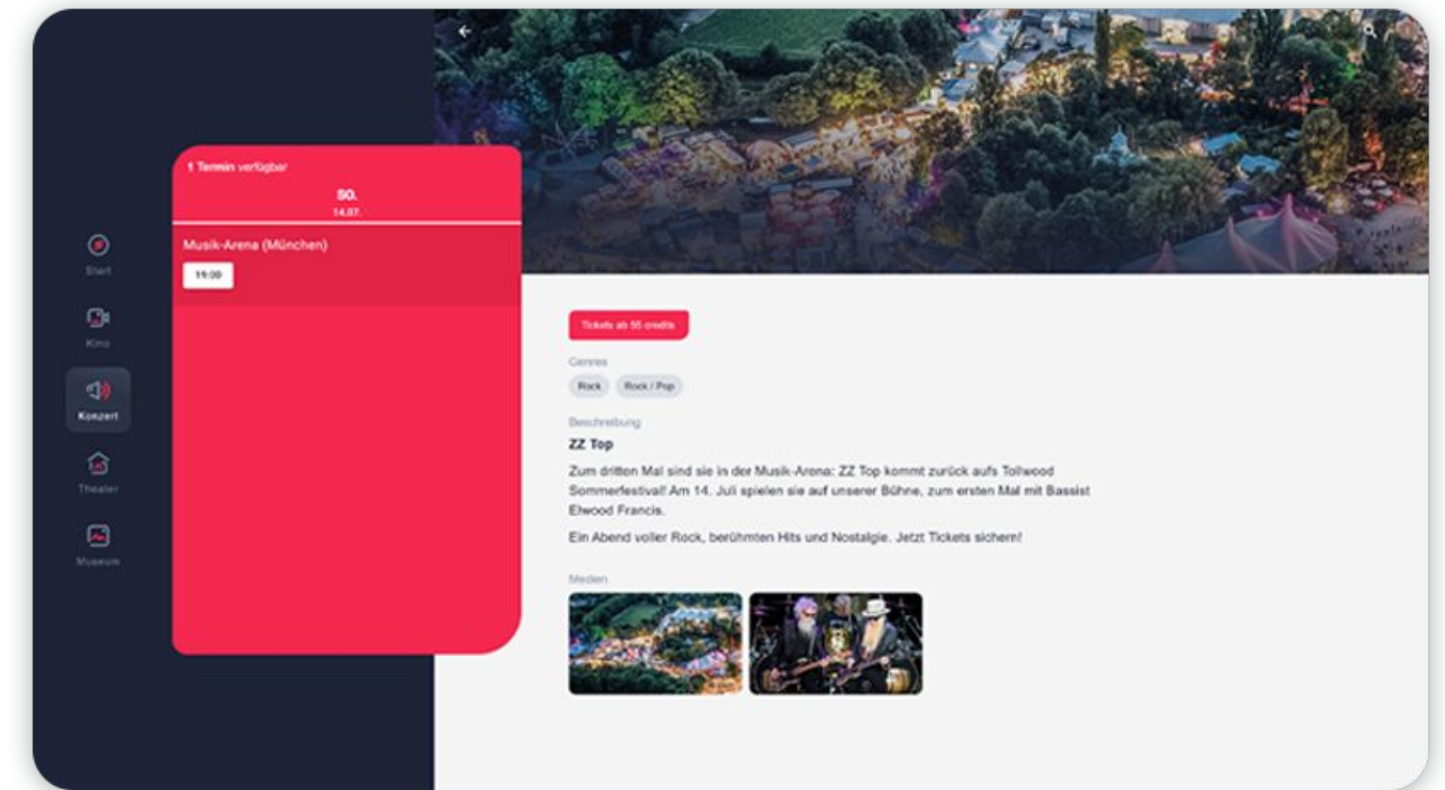


# The Features

**Integration with Several Event Providers:** Clover Dynamics developers have implemented a plethora of features for the Client website. One of the first implementations was the integration with several event providers. This allows users to have access to a wide variety of events and options to choose from. With this integration, browsing, searching, and accessing event opportunities that suit users' interests and preferences becomes easy and convenient.

**User Subscription Management:** The management of user subscriptions is another noteworthy implementation. The website provides users with options to create, cancel, upgrade/downgrade, or pause their subscriptions as per their convenience. This gives users complete control over their subscriptions and enables them to manage their accounts effortlessly.

**Ticket Purchasing via PayPal or Card:** Another essential feature we have implemented is the ability to purchase event tickets via card or PayPal. This feature is especially useful for those who may not always have cash on hand and prefer the convenience of making transactions online. Additionally, the website also provides users with the option to purchase an additional virtual currency (if there is not enough in the account). Thus, the buying process remains smooth and uninterrupted for users who may face financial constraints.



15 REVIEWS



10 REVIEWS



# The Features

**Event Adding by Users:** This implies the ability to add events, genres, locations, or specific people (performers or actors from films) to "favorites". Users are able to create personal lists of events that they have a keen interest in and would like to keep track of. This makes the UI smooth and enables users to gain more personalized and relevant info.

**Event View and Filter:** The viewing/filtering of all events is another helpful feature implemented by our developers. Users can quickly browse through all the available events on the website and filter them as per their preferences, such as location, date, genre, and so on. This feature allows for an immersive and customizable browsing experience.

**Ticket Purchases/OrdersView.** The feature provides users with access to all relevant information about their ticket purchases and orders. The info includes the desired event, date, time, location, and transaction details. With this data at hand, users remain updated on their ticket purchases and orders and access the relevant data anytime they need it.



15 REVIEWS



10 REVIEWS

# The Result

## Streamlined Ticket Purchasing

Clover Dynamics has significantly improved the overall interface of the Website, making it user-friendly and easy to navigate. As a result, purchasing tickets for events has become much more convenient, with a simplified checkout process and a clear view of ticket pricing and availability. Users can easily find and select events, view their ticket options, and complete their purchases without any hassle.

## Enhanced User Experience

The website now provides a seamless experience for users, with a clean design, a convenient view of events, and intuitive navigation. Clover Dynamics has focused on creating an easy-to-use platform that lets users find the events they are interested in, view all relevant information, and make informed decisions. Additionally, the platform now has an efficient search functionality that helps users quickly find the events they want to attend.

## Efficient Event Management

Clover Dynamics has developed a comprehensive and flexible system for event management on the Website. This allows event organizers to effectively manage their events on the website, including setting up event registration, creating schedules, and managing ticket sales. Furthermore, the platform's versatility enables users to add and update events, create custom event pages, and manage promotional activities, improving overall event management on the website.

## Customizable Event Listings

The application now allows users to add new events themselves, providing a way for individuals and organizations to list their events on the website. The event listings are customizable, so users can add their branding, images, and other details to make their event page stand out. This feature enables organizers to promote their events effectively, reach out to relevant audiences, and cost-effectively sell tickets.



## Technologies



NodeJS



Firebase Cloud



PayPal



Javascript



Typescript



Angular 14

## Delivered Services

- Team Extension
- Custom Software Development
- UI/UX Development

## Industries

- Entertainment
- Marketplace
- FinTech





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We at Clover Dynamics are not just committed to delivering exceptional software solutions, we're also dedicated to fostering lasting partnerships. Looking forward for the opportunity to work together and create something truly remarkable



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