

Some of the projects I worked on

Frontend web engineer, Gregor Hann

Web portal for local youth club (2009)

Local youth club organised concerts, cultural and other events. They needed a central way to share information with community.

As a solo programming, zero dependencies project, this was my first ever designing and implementing a website with hefty set of features, then help maintain it. Secure user system, events calendar, comment section, blog, gallery, administrative interface to edit, moderate content and to send out newsletter. Worked closely with designer and project manager.

Languages: PHP, HTML, CSS, JavaScript

Libraries: zero at first, then later jQuery for animations



E-commerce (2014)

NavtikaSport is a physical store and an online shop, selling nautical and water sports equipment. For international market, I built a multilingual e-commerce website, customized the design and functionalities, created custom tool to transfer data from old website, custom Excel spreadsheet tool to import product prices.

Long term technical support.

Languages: PHP, HTML, CSS, JavaScript

Libraries: OpenCart, jQuery

The screenshot shows the homepage of the NavtikaSport website. The header features the logo 'navtikasport' with the tagline 'vse za navtiko in vodne športne'. Navigation links include 'Iskanje', 'Vsi oddelki', 'Prijava', and 'Kontakt'. A shopping cart icon shows '0 izdelkov - 0,00€'. The main content area has a large image of two people in a kayak at a waterfall. Below it, a banner reads 'Dobrodošli v naši trgovini!' and 'Zahvaljujemo se vam za obisk. Veselimo se vašega obiska in želimo vam, da uživate v nakupovanju.' There are three smaller images showing a boat engine, a sailboat, and a person on a boat. The left sidebar lists categories: Gumenjaki, Plovila, Motorji, Oprema za prikolice, Oprema za plovila, Oprema za gumenjake, Oprema za motorje, Oprema za sidrenje, Navigacija - elektronika, Elektrotehnika za plovila, Varnost, rešilni jopiči, Nega in Vzdrževanje plovil, Počitniška oprema, Inox oprema, Dodatki, Sport, smučanje, zabava, Butik daril - navtična darila, Popravilo gumenjakov in plovil, and Servis in popravilo prikolic. The 'Aktualno' section displays various products with their prices and 'V košarico' buttons:

Product	Price	Action
Sport Line 380 S	1.699,00€	V košarico
Sedež Proform zložljiv	99,99€	V košarico
Gasilni aparat Save-boat	19,99€	V košarico
D-ring	19,90€	V košarico
E-Motor MotorGuide VariMAX, 12V	369,90€	V košarico
Avtomatski jopič PILOT JUNIOR 150 N	99,95€	V košarico
AdvanSea Plotter T.56i GPS+fishfinder	499,00€	V košarico
Cerada univerzalna staboPlan	42,90€	V košarico

At the bottom left is a circular 'Politika piškotkov' (Cookie Policy) notice from Heart Internet, asking if visitors accept cookies. The notice includes a green checkmark and a red X button, and says 'Powered by Heart Internet'.

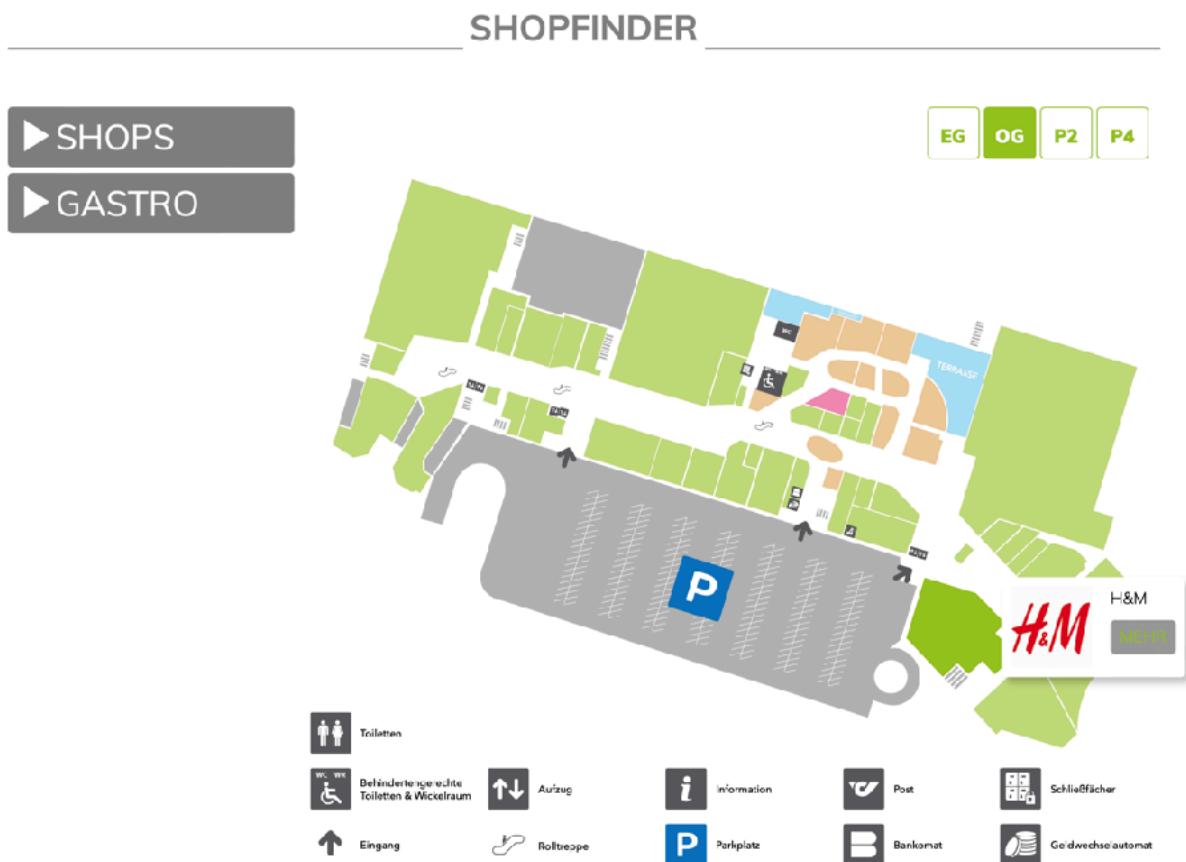
Interactive indoor map (2014)

Name: Traisenpark Shopfinder

It enables users to find shops and other facilities of a shopping mall in a nice interactive map. It further enables content managers to update room information on a map in their Drupal administration interface.

Languages: JavaScript, PHP, SVG

Libraries: jQuery, Drupal



Cross-platform mobile & desktop application (2015)

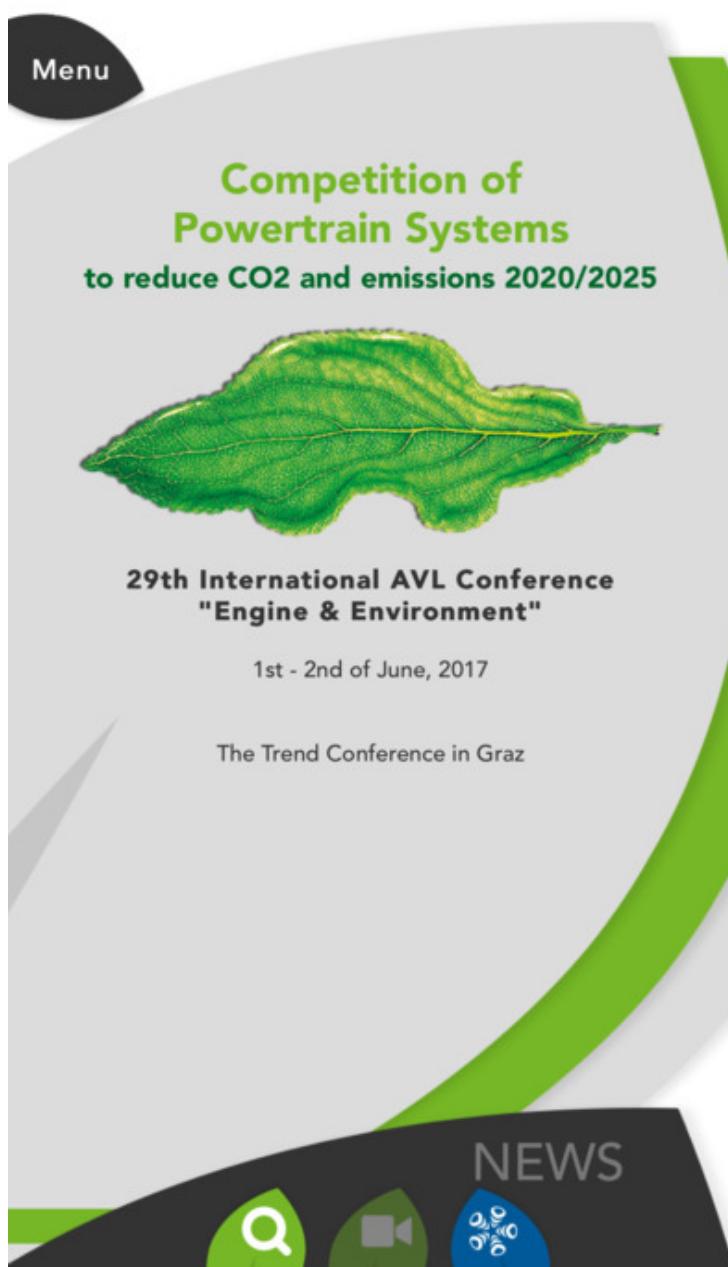
Name: AVL Engine & Environment

Focused on one of the AVL conferences, app allows visitors to register for an event, to track daily agenda and gain insight into a conference using text, photo and video content.

Submitted to: Google Play, App Store, Microsoft Store

Languages: JavaScript, JavaScipt, CSS

Libraries: Knockout.js, Durandal, jQuery



Cross-platform mobile & desktop application (2015)

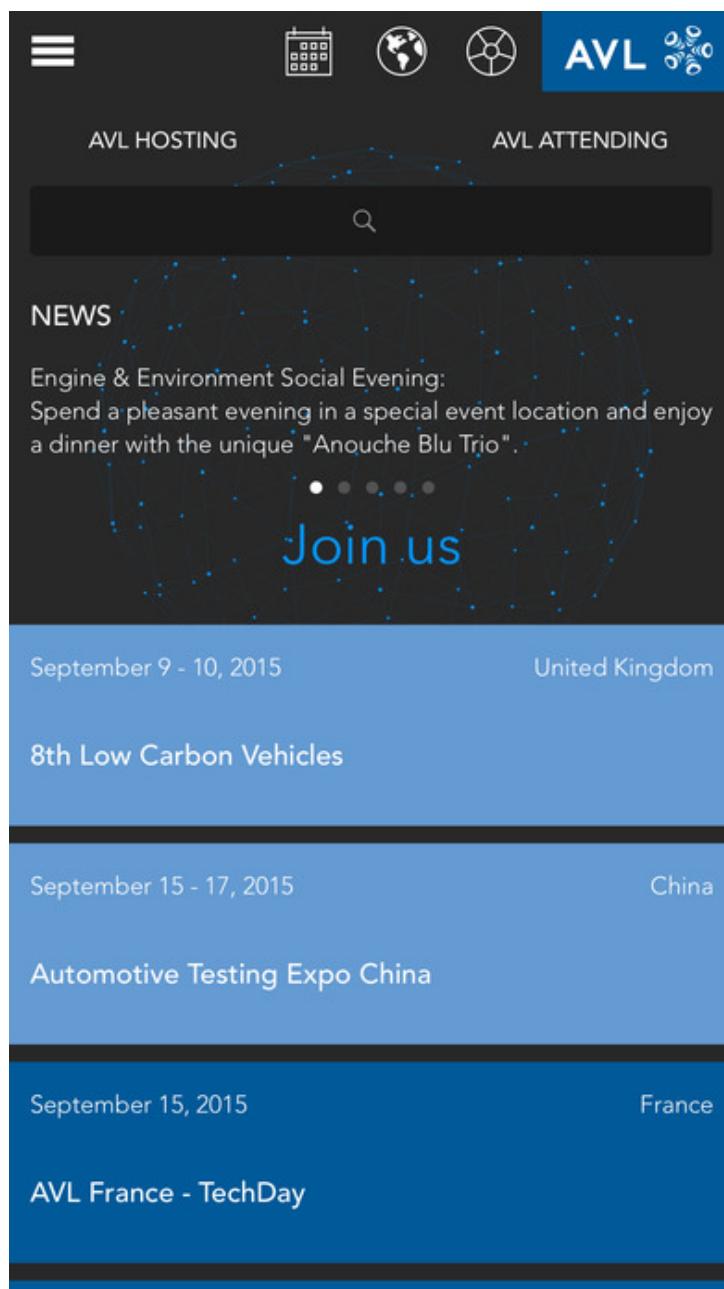
Name: AVL Events

Similar to the Engine & Environment app. It focuses on all AVL conferences that repeat every year, app offers the user various features including login to see additional content, RSVP, calendars, ability to view attached documents and more.

Submitted to: Google Play, App Store, Microsoft Store

Languages: JavaScript, CSS

Libraries: Knockout.js, Durandal, jQuery



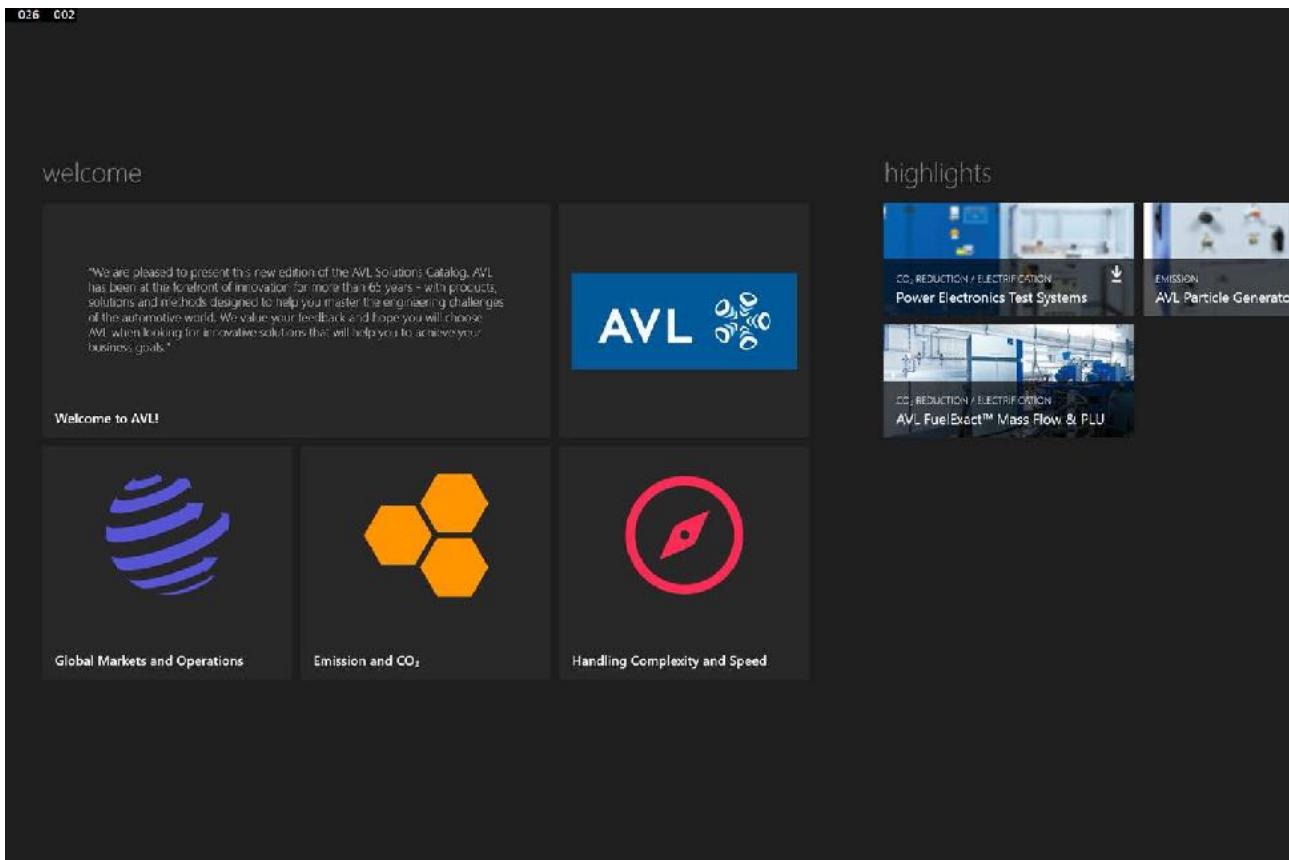
Native Windows desktop & mobile app (2015)

Name: AVL Solutions Guide

Used by salespeople (internal employees) and others to present the world of AVL to their customers. Various media content can be selected for download from backend and displayed in an offline mode.

Submitted to: Microsoft Store

Languages: C#, XAML



Web landing page & interactive video quiz (2015)

Name: Peugeot 308GTi

For new Peugeot 308GTi marketing campaign, landing page has been made to promote the launch further. Interactive videos present user with various car features by pausing mid-playback to display an overlay with trivial question. When user answers, playback continues and a correct answer is revealed.

One of the requirements was excellent user experience on iOS.

Languages: JavaScript, HTML, CSS

Libraries: jQuery, Wordpress, Google Tag Manager, Google Search Central (formerly Webmasters)



Native mobile application with VR (2016)

Name: MercedesCup Tennis App

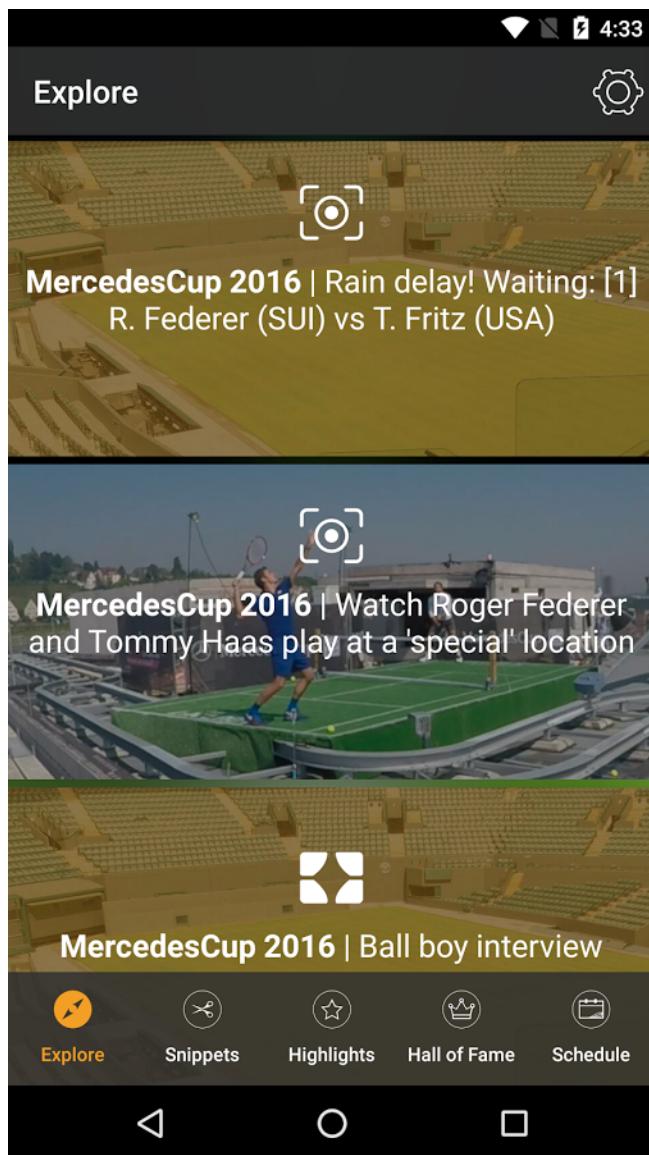
Custom made for the MercedesCup 2016 tennis event, video playback functionality enabled tennis fans to watch live video streams in both normal and 360° technique (VR). Archived daily video snippets could also be watched, edited & shared by fans using custom made video editor.

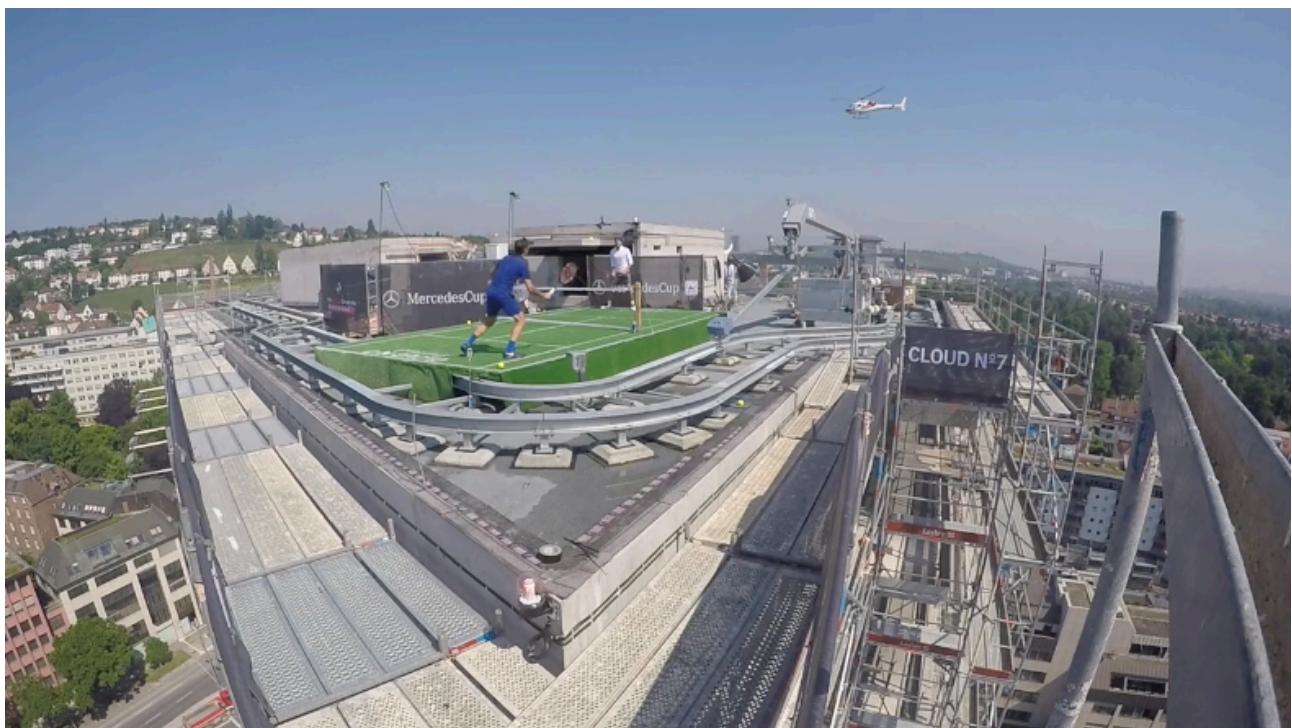
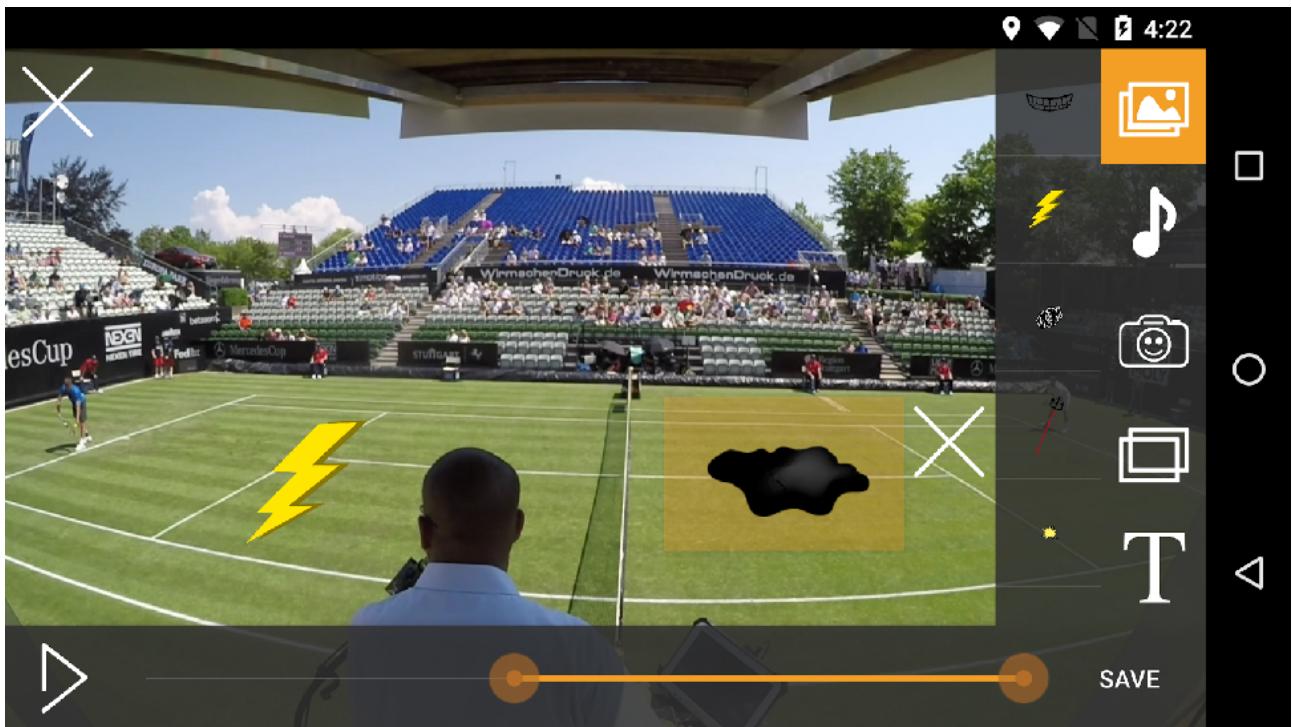
Due to nature of event, delivery time and support were critical. Live events were streamed along with large-scale marketing campaign.

Submitted to: Google Play

Languages: Java, XM

Libraries: ffmpeg, OpenGL





E-commerce marketplace (2017)

Marketplace of various online merchants with complex product import functionalities, custom merchant portal and merchant onboarding tool. Close collaboration with client.

Languages: JavaScript, JSP, Java

Libraries: jQuery, Grunt, SAP Hybris

My work consisted of 20% backend, 80% frontend.



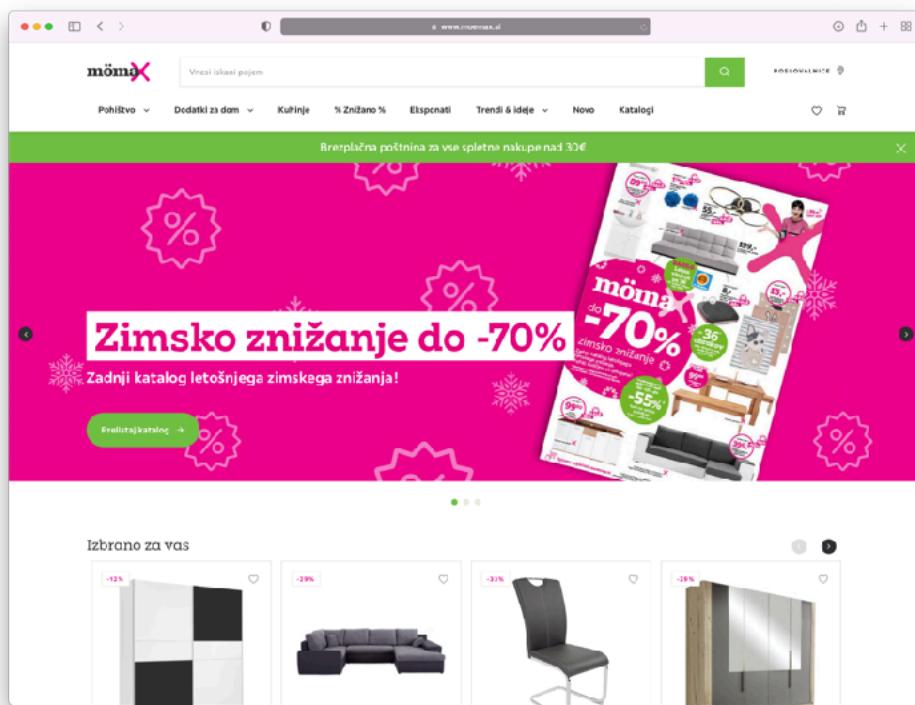
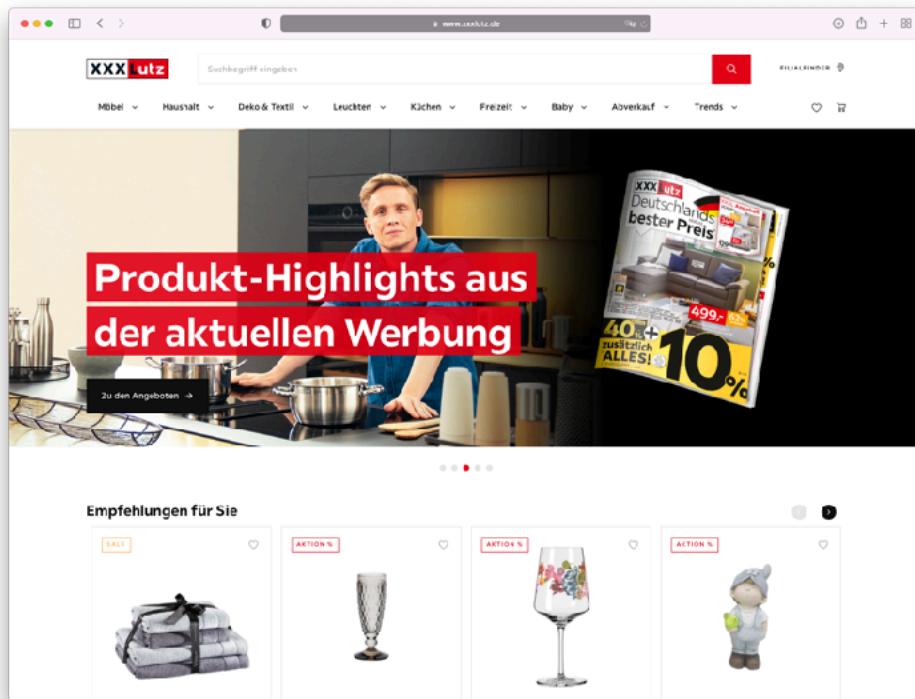
E-commerce multi-brand #1 (2018 - 2021)

Multi-brand multilingual e-commerce platform, complex third-party integration, repository of shared components and configuration. Large, international, multi-team setup, close collaboration with client.

Languages: JavaScript, JSP, Java

Libraries: jQuery, React, Express (Node), Apollo, GraphQL, SAP Customer Experience

My work consisted of 30% backend (mainly JavaScript), 70% frontend.



E-commerce multi-brand #2 (2021 - 2022)

Multi-brand e-commerce platform, integration of third party tools and shared components.

Languages: JavaScript, Java

Libraries: React, Redux, SAP Customer Experience

The screenshot shows the melectronics website interface. At the top, there's a navigation bar with links like 'Minicenter', 'Service', 'Filialen', 'GE', and 'ANMELDEN'. Below the navigation is a search bar and a menu with categories such as 'Aktions', 'TV & Audio', 'Computing & Tablets', 'Telefonie & Navigation', 'Foto & Video', 'Wearables & Gesundheit', 'Haushalt', 'Gaming & Sportwaren', and 'Marken'. A sidebar on the left lists products like 'Nintendo Switch Lite Bundle', 'LG UHD TV 8K', 'SAIF', 'Delizio Compact One', 'Noris Wasserkocher Iconic', and 'Noris Toaster Iconic'. The main content area features a large image of an LG NanoCell TV with a red discount banner overlaid showing '37%' off from 1599.- to 999.-. Below the TV is the LG logo and the text '8K - UHD Fernseher 55NANO969'. To the right, there's a 'Jetzt profitieren' button. Further down, a red banner says 'FILIAL-RESTBESTÄNDE' with the text 'Jetzt Angebote online entdecken und in der Filiale kaufen. Nur solange Vorrat.' Below this are sections for 'Beliebte Produkte' featuring an LG OLED TV and a smartphone, and a 'Winterberatung' section with a circular icon of a person.

The screenshot shows the BIKE WORLD website interface. The top navigation bar includes 'Minicenter', 'Service', 'Filialen', 'GE', and 'ANMELDEN'. Below it is a search bar and a menu with categories like 'Bikes', 'Velzubehör', 'Komponenten', 'Anhänger & Transport', 'Bekleidung & Schuhe', 'Ausrüstung', 'Wintersport', 'Marken', 'AKTIONEN', 'Bikeberater', and 'Werkstatt'. The main visual is a large image of a man working on skis in a workshop, with the text 'UNSERE WINTERSPORT-SERVICES.' above him. Below this are two smaller images: one of a skier performing a jump with the text 'Sicherung Wintersport-Services.', and another of a cyclist at night with the text 'Biken im Dunkeln: unsere Tipps für mehr Sicherheit'. At the bottom, there's a footer with the text 'Wie funktioniert das Zwiebelprinzip?' and a circular icon for 'Winterberatung'.