

NETULA

Innovating **SOFTWARE DEVELOPMENT**

Exceeding standards in **NETWORK ENGINEERING**

Surpassing expectations across all **SERVICES & PRODUCTS**

Our purpose is clear, our system adaptive, and our key is our **people**.

COMPANY PROFILE

Operating in harmony with our partner company **HASELT, NETULA** is an international software development, design and IT consulting company, focusing on leveraging the most out of the modern software technologies in the real-world practice. The company unites over **60 experts** around the globe having its main offices in **Skopje, Zurich and New York**.

In the past 5 years **HASELT and NETULA** has completed over **150 projects**, from various sizes and scalability demands, by serving clients from start-ups to big corporations and public institutions in some of the most innovative markets in the globe.

We have been pioneering Cloud-based technologies from the early days and have delivered solutions handling billions of operations on a daily basis.

150+

Completed Projects

12+

Countries Present In

60+

Experts Globally

"By genuinely valuing transparency, excellence and commitment among the rest, we want to increase the symbiosis between human beings and computer technology, therefore enabling organizations and end-users to get the most out of the technological advancements." - Hajan Selmani, Founder & CEO, Haselt

"When has society not risen to meet "the challenge" when it comes to technology? The most important part of overcoming large obstacles is finding the right people to address them." - Thomas McCarthy, CEO, Netula

SOFTWARE DEVELOPMENT EXPERTISE

HASELT team works on projects of varying scales and industry verticals. Our team competences are wide with strongest experience in the following:

- **Custom tailor-made software solutions** - Advanced tailor-made solutions aimed for various industries such as medical, public and private transportation, advertising & marketing, security and so on. We've created intelligent cloud, web and mobile apps and services to tackle concrete business needs.
- **Cloud-based Solutions** - We provide Cloud-based expertise by having extensive knowledge with Azure and AWS. We are developing and managing cloud-based solutions which scale on hundreds of virtual machines on a daily basis, handling billions of operations per day.
- **Web Apps Development** - We have completed over hundred web-based projects with various complexities. To mention few project types, we've developed online web shops, renting platforms, e-auction systems, booking systems, admin and reporting tools, communication platforms, administrative tools, etc.
- **Creative Services** - Our creative units specializes in providing state of the art services in: website design and development, web shops, visualization and motion graphics. We built the website for the #1 restaurant in Malta for 2017 as well as the web shop for the Eurovision.
- **Back-end APIs and Services** - Monoliths and Microservices based architectures, depending of the needs, we are on the edge of latest techs and trends in relation to APIs development based on RESTful standard.
- **Mobile Apps Development** - We have developed over 30 mobile iOS and Android mobile apps. We've developed apps for Medical industry, Kids and parental control, Chats and Communication, Social Networks, Venues, app for Sharing stories, to mention few.
- **Migrating to newer technologies** - In many occasions, we've helped our clients and partners to migrate their existing systems and platforms into newer latest technologies.
- **Managed Services & IT Ops** - Handling large-scale solutions and IT operations with 24/7 monitoring and maintenance operations.
- **IT Consulting** - With our extensive knowledge, expertise and experience, we help other businesses get the most out of the IT and Technologies. We have MVPs and proven recognized world-wide experts.

Our Company was created to **HELP** other businesses get the most out of **TECHNOLOGY**

INDUSTRY EXPERTS

Having worked on different types of projects, our team has already developed a high level of knowledge in various industries. This is in line with the assistance we provide in order to aid your business grow better.

[Social Media & Advertising](#) • [Construction](#) • [Consumer Goods](#) • [Hospitality and Entertainment](#) • [Medicine & Healthcare](#) • [Education](#) • [Automotive & Transportation](#) • [Travel & Tourism](#) • [Real Estate, Rental & Leasing](#) • [Software & IT](#)

KEY TECHNOLOGIES



BACK - END

Microsoft .NET Framework (ASP.NET Core, ASP.NET 5), C#, Java (Java EE, Spring, JDBC), PHP (Laravel, PHP latest versions), PostgreSQL, MySQL, Microsoft SQL, MongoDB, Oracle.



FRONT - END

JavaScript (Aurelia.js, Knockout.js, Angular.js, Vue.js, d3.js, React.js and many other JS libraries), HTML5/CSS3/LESS/SAAS



MOBILE

Android (Java, Kotlin), iOS (Objective-C, Swift), Xamarin (C#), React Native



CLOUD

Microsoft Azure, Amazon Web Services (AWS)

PORTFOLIO – CUSTOM SOLUTIONS

Just a few examples (More details can be provided under NDA)

Taxi Dispatch System

Our custom web-based cloud solution is designed to serve the needs of multiple taxi companies for managing drivers and scheduling and tracking taxi locations. Our dispatch system transfers orders to a call center which is then received through a desktop tablet with the taxi driver's pricing information listed.

What we did: We developed a custom Web-based Cloud & Desktop/Tablet Solution to easily automate the client's fleet management

Key Technologies: .NET, Web Api 2.0, MongoDB, WPF, EasyQuery, Metronic

Custom Ad-Serving Platform

With our highly scalable ad serving solution we are able to connect advertisers and publishers on one global platform and complete over 2 billion operations per day. Our client web-based Ad Serving platform creates and serves ads, counts clicks and impressions made by end users, and performs various valuable formula-specific calculations to all parties on the system.

What we did: We created a custom cloud-based Solution, making over 2 billion operations per day. We also developed Native Mobile Apps – Android and iOS.

Key Technologies: ASP.NET, C#, Azure, MSSQL, Mongo-DB, WebAPI, HTML, CSS, JS

PORTFOLIO – CUSTOM SOLUTIONS

Background Checking Platform

Our state-of-the-art public records research platform and search tool is sophisticated, user-friendly, and fast. Primary features include data accuracy and the accuracy of the generated reports, advanced search algorithms obtained from public databases.

What we did: We developed a custom web solution Background Check Service by combining data from various public databases to provide accurate results based on matching algorithms.

Key Technologies: ASP.NET MVC5, PostgreSQL, MassTransit, RabbitMQ, Marten, Dapper, MediatR, StructureMap,

Property Rental Website

For people wishing to publish rented products and services, our one-stop web-based platform is designed to allow owners complete management over their items for rent. Additionally, they can control item availability and communicate directly with potential renters. Both the renting and payment systems are processed online.

What we did: we created a complete online presence for the needs of the platform: a logo, web design, and a custom web-based solution.

Key Technologies: ASP.NET, Web API 2, C#, PostgreSQL,

PORTFOLIO – CUSTOM SOLUTIONS

Electronic Auction Website

Negotiating is challenging enough without the use of technology, that's why we designed a custom web-based solution that satisfies the needs of a client to easily create and conduct electronic auctions and invite bidders to take part in the auctions.

What we did: a custom web-based solution offering an admin panel for complete content management and website for presentation and conducting e-auctions.

Key Technologies: ASP.NET MVC5, ASP.NET Web API, Aurelia, PostgreSQL, MassTransit, RabbitMQ, Marten, Dapper, MediatR, StructureMap, Quartz.NET, Topshelf,

Remote Building Security System

Because safety should come first, we developed this cloud-based system that controls all physical doorlocks in various locations, houses or buildings. The system detects who opens or closes a door, who unlocks or locks a door, as well as, controls who has access to a specific door. Other features include controlling open office hours and holidays. Moreover, the user can use their mobile device to unlock/lock doors.

What we did: We developed a custom web-based platform for real-time monitoring, synchronization service and middleware installed on each location and a mobile app for receiving time dependent information.

Key Technologies: ASP.NET, PostgreSQL, RabbitMQ, Marten, MediatR, Quartz, Topshelf

PORTFOLIO – MOBILE APPS

Personalized Healthcare Application

To engage people in their health care decision-making process, we've developed an app allowing users opportunities to prevent chronic diseases by providing content that gives them personalized recommendations for their lifestyle changes and health awareness.

Key Features: Dynamic questionnaire to calculate personal score for potential disease, display tasks and recommendations to prevent disease, push and local notifications, personalized articles.

Video Sharing Application

They say a picture is worth a thousand words, so why should a video be any different? We designed an iOS and Android compatible mobile application dedicated to users that are happy to share a moment of their lives with random people or friends through a short video call, direct message or recorded video.

Key Features: Random 30sec video calls among users, chat, and manage friends, direct video calls.

PORTFOLIO–MOBILE APPS

Sports Booking Application

For users who want to easily book group sports classes and manage their reservations, we developed two Android compatible apps for the needs of two university sports centers in Finland. The app also includes an electronic sports sticker, so the user has it with them always.

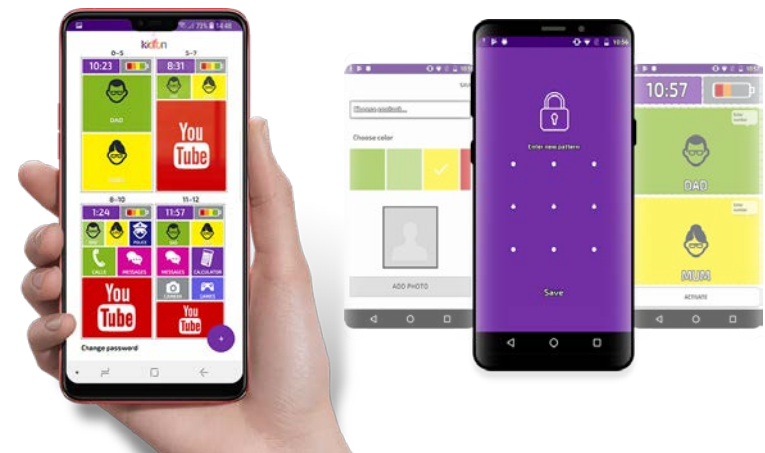
Key Features: Register and buy a sticker, view available exercises, enroll in exercises, read news and updates.

Child Security Application

We've developed a child-friendly Android mobile app that allows users to simplify their phone's interface. It is ideal for kids of all ages and abilities, and for those adults who want to simplify their mobile user experience. In a few easy steps, users can customize their phone's interface by choosing which contacts, functions, and applications to display.

Key Features: Choose from available presets or create a custom one with contacts or phone apps, set child mode and protect device access with password, 3 language options (English, French, and Spanish).

www.kidfonapp.com Video: <https://youtu.be/5BT8UBk81Js>



PORTFOLIO – MOBILE APPS

Home Maintenance Reporting Application

Tackling repairs and home maintenance is top priority for many homeowners. Due to this growing need, we designed an iOS and Android compatible app where users can report any issue that happens in their home from a broken sink to an electronic failure by simply sending a quick report to a maintenance company.

Key Features: Reports an issue supported with a photo taken onsite, manage reports (marks issue as resolved), creates homeowners from the admin panel.

Work and Recreational News App & Website

For those looking to stay up-to-date with updates, work and volunteering opportunities on the go, we created a mobile app that replicates its youth organization website counterpart.

Key Features: List news and events, read individual articles, receive push notifications for updates.

PORTFOLIO – MOBILE APPS

TV Streaming Platform

We created a solution that provides live and on-demand internet streaming media to various devices (mobile, TV), available for viewers in Switzerland. Families are able to watch their favorite shows, create personal profiles, and organize channels in customized folders. Users will also be able to record and watch any shows they missed.

Key Features: Watch Live TV online from available channels, watch shows, record shows, organize channels in folders.

Mobile Audio/Video Engineering App

Our fun mobile app allows users to record video and audio based on the beats provided by the platform. Administrators can manage the beats through the admin panel and create free beats for users to listen and download later on their mobile app. Users are also able to post their creations on Facebook or the website.

Key Features: playlists, local downloads, audio and video creation and sharing.

PORTFOLIO – CREATIVE

Online e-commerce Store

Operating as a fully functional online web shop, we developed an online shop for the needs of a company's main focus for globally exporting Hungarian wines of the highest quality. In addition to the web shop, we are also responsible for developing the shop's entire branding.

What we did: Started with a strategic direction to define the smallest details of who they are. We then crafted their logo and brand definition and ended with designing and developing a fully functional webshop.

Travel Website

For companies seeking to establish a global online presence, we developed a website for a travel company looking for a new high quality and high converting user experience for their travel site.

What we did: We designed and developed a new website

PORTFOLIO – CREATIVE

Restaurant Business Website

We have designed and developed a website for the needs of a restaurant that has 2 venues: Malta and Hungary.

What we did: Instead of building two separate web pages, we decided to go with having one landing page that will be equally separated into two parts. Each part represents the two venues with a strong and consistent definition of the Caviar & Bull brand.

International Competition Website

Our company developed and launched an official web shop for an international song competition. We created the webpage according to the company's unique design guidelines.

What we did: Developed a web shop

PORTFOLIO – CREATIVE

Promotional Video and Content

For the needs of Quest mobile application we developed it for Android & iOS compatibility. Additionally, we developed a promotional and presentation video.

What we did: Created a short promotional video for our client's marketing purposes.

URL: <https://www.youtube.com/watch?v=ngj6hXFuT4o>

Promotional Video and Content

In 2016 Macedonia held its largest IT event. To advertise for the event, we developed a promotional video.

What we did: Created a promotional video for promoting the event

URL: <https://www.youtube.com/watch?v=4TQTtqiLrPI>

KEY PARTNERS & CLIENTS

Our global presence is accelerated by the strong network of partners that help us achieve our business goals as well as to offer our clients a close collaboration to achieve their goals.

We also see our clients as our partners. Helping them being successful in their business is our primary goal. We strive to develop partnership relations with all clients and create long-term collaboration which helps us both create the desired win-win scenario.

Key Partners & Clients



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