Yodlr – Bucons – Permanent - Mobile Tariff Webshop

The client wanted to build for him a custom made webshop with ASP.NET MVC 3 without any CMS system. The implementation and the technologies was chosen by me and I used the native Microsoft technologies back then:

Technologies:

- ASP.NET MVC 3 with .NET Framework 4.5
- SQL Server 2014 with Entity Framework 4.0
- Bootstrap 3, jQuery, Unobtrusive validation, ASP.NET MVC Ajax calls, Json conversion,
- Windows services, Scheduled tasks, Console apps, Email integration and templating.
- Ogone Payment provider. Google Analytics tracking.
- 3-tier layer architecture without API
- Publishing with WebDeploy to AWS EC2 Instances

Features:

- Shoping Basket
- Products chooser
- Payment provider integration, sandbox, invoicing etc.
- User management, registration and login. Authorization and Authentication
- Orders management and review
- Email templates, contact forms, email notifications, scheduled jobs and windows services

HSO Business University – Bucons –Permanent - Students graduation module

The client requested the development of a module for the students graduation. The university managed their students and the grades of the students with a Desktop application built with Windows Forms. My taks was to develop a new complicated module in the application for the management of the grades of the students and the data of the students too. I finished and delivered the module on time. I tried to make the desktop app accessible from the Web via XBAP application.

Technologies:

- Windows Forms and DotNetBar for the custom controls, XBAP generation
- SQL Server 2014. SQL Server Reporting Services. Crystal reports
- C# Class libraries, Console Apps and Windows Services
- Crystal reporting, PDF Generation

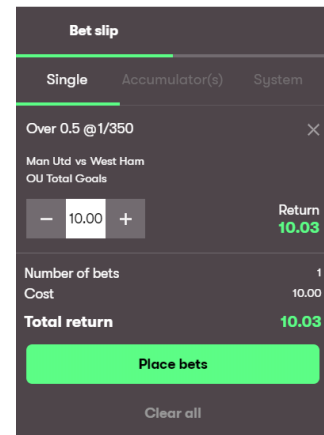# 10Bet – SBTech – Freelance - Online Betting platform

One of the biggest Sports Betting companies out there wanted to built for them a new component for betting promotion and optimise some of their services. The website is high-transactional, complicated and widely visited. The component had complex logic behind it and it was named combo betting promotion. There was another one named bet slip.

Technologies:

- ASP.NET Web Forms, HTML, CSS, JavaScript, prototyping
- SQL Server, Stored Procedures, DB Profiling, optimisation etc.
- XSL, XSLT transformation, XML Transform.
- C#, Caching, Distributed Cache, XML Transform, Lazy loading, Design patterns

Features:

- Combined betting promotion. Random 3 bets in the promotion related with the customer preferences
- Management of the matches in the betslip
- Optimisation of the speed of some of the components

Betslip Example

eGain – Comstream – Smarthome receiver installer

The client is working with Smart Home devices and is in the area of the enregy saving. He just bought the new version of devices which receives the weather prediction and manipulated the home environment. My task here was to develop a small web application accessible from a mobile device when the work crew installs the devices in the people homes. I started from scratch and delivered the app on time.

Technologies:

- ASP.NET MVC 4, HTML, CSS, JavaScript, jQuery, Bootstrap 3
- SQL Server, Entity Framework 4
- Web Services, Third party API calls
- AT commands to the device
- CI/CD builds and Deployment. Visual Studio Online, Agile

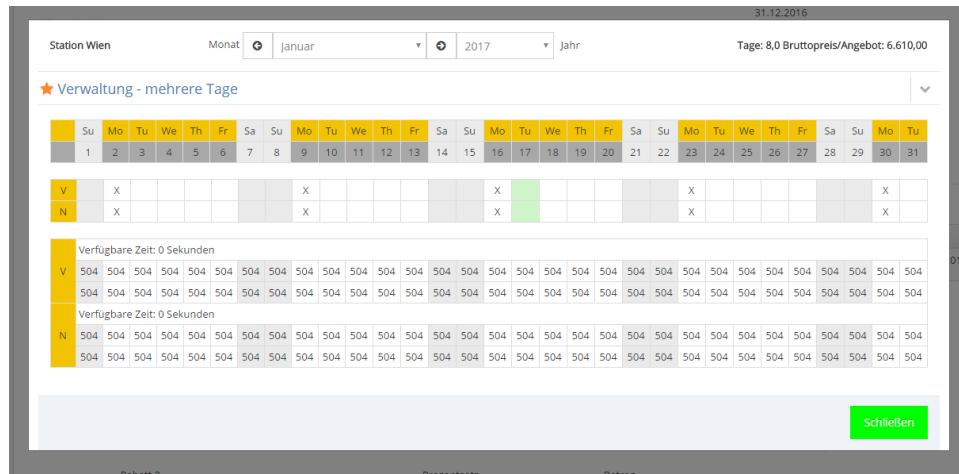# TV Invoicing – Bucons – Invoicing system for cable TV

The client wanted to built for him a custom made calendar control which should be used for the generation of offers to the clients. It was requested to be built only with HTML, CSS and JavaScript without custom libraries, frameworks or great user experience. I managed to build and deliver the calendar for short time.

Technologies:

- HTML, CSS, JavaScript

Features:

- Calendar template generations, holidays and special days in the calendar
- Special functions on left and right click of the calendar, and special types of the days
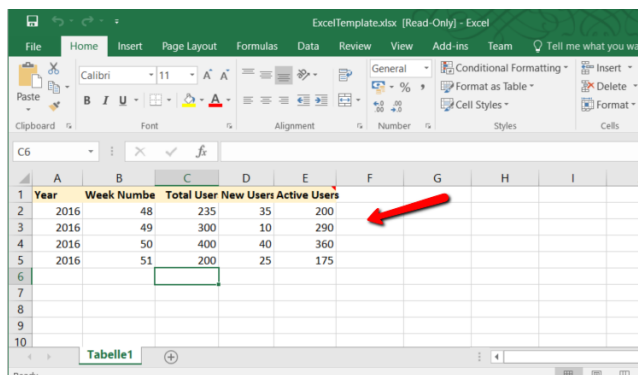- Complex logic for the offer calculation

Google Analytics Reporting Service – Bucons

The client owns a website with Google Analitycs tracking. He waned to export reports every months and send them to specific users in Excel file. He requested a custom made Excel sheet and a windows service to be executed on a timely manner. I developed, delivered, deployed and documented the services for short time.

Technologies:

- Windows Services
- AWS EC2 Instances, Web Deploy, Windows Server
- Excel, Google Analytics

HARP – BGO Software – NHS Health researches website

The NHS owns a website used for the management of the health researches over the UK. My function here was to maintain and improve the website continously for longer period of time until the senior developer come back.

Technologies:

- ASP.NET Webforms, HTML, JavaScript, jQuery
- Bootstrap, AceAdmin, CSS
- SQL Server 2016, Entity Framework 5, Stored Procedures, Large scale of data
- Web Deployment to cloud containers, CI/CD pipelines

Features:

- Emails management, templating, sending and scheduling
- New components in the system, new windows, new tabs, new pages
- Bugfixing and profiling, DB optimisation
- Versioning. CI/CD pipelines configuring

Intranet – Foster + Partners – Umbraco Intranet portal

The old intranet was built 10 years ago with legacy technologies and the company wanted the newest and the most suitable for the compny needs technologies. My and a few more people worked as a team and finished and delivered the project on time just on the release date. The project contained many small apps inside it written with different technologies.

Technologies:

- Umbraco 8, ASP.NET Web API 2, Vue.js, Headless CMS, ASP.NET MVC 5
- CSS, HTML, JavaScript, jQuery, Vue.js

- SQL Server 2016, Entity Framework, Azure Databasses
- CI/CD, SDL, Web Deploy, Azure, Azure Search, Azure Databases, Blob Storage, Active Directory
- Windows Services, From Monolith Architecture to Microservices Architectures
- Transition from Scrum to Agile. Azure DevOps
- Unit testing, Integration testing, Coded UI testing, Load Testing, Applications Insigts reporting

SMS Ferries – One Digital – Invoicing system

A cargo ships company wanted to change their invoicing system entirely and add new fees to the invoices. The relations between the products was changed. My function was to review the old invoicing loginc, transform it to the new logic, to add and remove fees to the invoices.

Technologies:

- ASP.NET WEB API 2, HTML, CSS, SCSS
- JavaScript, TypeScript, Angular 8, Material Design, Angular Material
- SQL Server 2019, Entity Framework 6
- PDF Generation

Features:

- Database reorganisation and new logic implementation.
- Backend API changes
- Charges/Fees management in the database and the backend
- UI changes