

# ONLINICO

## PORTFOLIO&SKILLS

Web: <https://www.onlini.co>

Email: [info@onlini.co](mailto:info@onlini.co)

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## INTRODUCTION

We are a young and growing software development company, which provides services for full coverage of SDLC:

- Business analysis
- Requirements management
- Projects and solutions development and support
- Quality assurance and control
- Project and solution delivery
- Project management

Our team is a community of motivated and experienced people. We sharpen our professional skills and achieve the highest performance and quality, on each of our projects and satisfy each of our clients by delivering top quality results.

Our stack covers most commonly used technology:

- MOBILE: Native iOS (Objective-C, Swift), Native Android, Kotlin, Xamarin, Wearables
- WEB: HTML5, CSS, PHP, Microsoft ASP.NET MVC, .NET WebAPI, JavaScript, NodeJS
- DESKTOP: .NET WinForms & WPF, Embarcadero Delphi
- DATABASE: Microsoft SQL Server, Oracle Database, MySQL, Postgresql, Sybase Anywhere
- QUALITY ASSURANCE: Functional Testing, Performance and Security Testing, Usability Testing, Compatibility Testing, End-to-end and Regression Testing, Mobile Testing
- DEVOPS SERVICES: Continuous delivery, Infrastructure as a code automation, Immutable infrastructures, Securing configuration, Monitoring, Microservices architectures, Container orchestration (kubernetes, amazon ecs), Cloud (aws, azure, openstack), Customized software setup plays

Our competency is strong for working with any type of projects:

- Small and quick projects
- Middle/big projects with a further support phase
- Improvements/changes to existing clients' projects
- Support for already existing projects

## PORTFOLIO

### Book Suggestions Service

- Application type: Web
- Industry: Entertainment
- Customer description: Ukrainian startup
- Project description: Web-based application for book reader community. Provides the following capabilities: books catalog, authors catalog, search books by different conditions, search similar books by content, books suggestion based on semantic analysis.
- Technologies: .Net, MVC, MS SQL, Full-Text-Search, Lemmatization, Mahout, Lucene.NET
- Team: 2 .Net developers, 1 QA, 1 BA

### CREW Time Logging & Management System

- Application type: Mobile / Web
- Industry: Enterprise tools
- Customer description: Internal project
- Project description: CREW system allows companies to manage projects which are under active development, keep a record of employees working hours and always have clear up-to-date information to sum up internal activities for billing the customers at actual time spent on development.
- Technologies: Web APIs and Web UI using Microsoft ASP.NET Core MVC; Entity Framework Core; OpenIddict; MS SQL Server 2014; Bootstrap 3, JQuery, HTML5; Android SDK, Retrofit 2, Okhttp 3, Gson, Realm, Stetho, EventBus 3, Joda-Time, CircleImageView.
- Team: 1 iOS Developer, 1 Android Developer, 1 QA Engineer, 2 .Net Developers

### Web Application for Saving and Storing Patient's Data in Medical Offices

- Application type: Web
- Industry: Enterprise, Healthcare
- Customer description: Under NDA
- Project description: The application is aimed to securely save and store patient's data when visiting medical clinics or doctor's offices. The application provides user with ability to complete mobile check-in for authenticated users (or an authorized representative of the patient) so they would not have to spend time for doing this in the clinic/office.
- Technologies: Web APIs and Web UI using Microsoft ASP.NET Core MVC; Entity Framework Core; OpenIddict; MS SQL Server 2016; Bootstrap 3, JQuery, HTML5.
- Team: 2 .Net Developers, 1 QA Engineer, 1 Front-end Developer.

### IoT Solution for Exchanging Contact Information Using iBeacon Technology

- Application type: Mobile / Web
- Industry: Entertainment and Media
- Customer description: Internal project

- Project description: The application for automatic exchange of contact details of companies or individuals using the iBeacon technology and distribution of promotional materials of the companies within the exhibition stands areas.
- Technologies: BLE beacons (iBeacon, Eddystone-UID); iOS: RestKit, FMDB, SQLite; Android: Retrofit2, Realm, EventBus3, Crashlytics; DB and Back-end: SQL Server, Entity Framework; ASP.NET WebApi for mobile clients, ASP.NET MVC 5 for browser; Web: AngularJS, Twitter Bootstrap, Sass
- Team: 1 iOS Developer, 1 Android Developer, 2 QA Engineers, 2 .Net Developers

### iOS application for Controlling Philips Hue Smart bulbs and Using Different Scenes

- Application type: Mobile
- Industry: Entertainment and Media
- Customer description: (under NDA)
- Project description: The IoT application that allowed for connecting to Philips Hue smart bulbs and applying different light scenes. The project required us to work with Philips Hue SDK.
- Technologies: Swift, Firebase Realtime Database, Firebase Storage, Mixpanel analytics, RESTful API, In-app purchases, SSPD (Simple Service Discovery Protocol) implementation, IoT (Philips Hue), Custom animation, Multithreading, Cocoapods, Sketch
- Team: 1 iOS Developer

### Android Mobile Application for Receiving Payments from Restaurant Clients

- Application type: Mobile / Web
- Industry: Restaurant Business
- Customer description: (under NDA)
- Project description: The aim of the project was to develop an Android mobile application for receiving payments from clients at restaurants by their orders. As well as a website with admin console for managing the billing processes.
- Technologies: JUnit, Mockito, Gson, Dagger 2; Clover (FirstData) and Ingenico; ASP.NET Web API 2.2, ASP.NET MVC 5.2.3.0, Autofac, CsvHelper, Elmah, EntityFramework 6.0, SignalR 2.2.1, Newtonsoft.Json 8.0, Quartz.Net 2.3.3, Swashbuckle.Net
- Team: 1 PM, 2 QA Engineers, 2 .Net Developers, 2 Android Developers, 1 Front-end Developer

### Service for Connecting Different POS-Terminals for Processing Instant Payments

- Application type: Web / API
- Industry: Restaurant Business, E-commerce payments
- Customer description: (under NDA)
- Project description: The goal of the project was to develop a service to assure the exchange between different POS terminals and payment terminals that support IConnect interface, such as Micros 3700, Squirrel and Ordix, and Ingenico payment terminal. The service was successfully applied for payments in restaurants.

- Technologies: JAVA, .Net, MS SQL Local DB, C, SignalR, Web API, Self-hosted web server, MICROSOFT Script Language, Win sockets, Inno installer, MS Local Reports
- Team: 1 PM, 2 QA Engineers, 6 .Net Developers

### Complex Medical Solution for Healthcare

- Application type: Mobile / Web
- Industry: Healthcare
- Customer description: Swiss startup Life4Me+
- Project description: The aim of the project was to develop a web and mobile solution for doctors and their patients to be able to connect and share information. The app allows you to receive news about HIV infection and related diseases, events and people. The GPS navigator helps you find a nearby hospital, clinic, or HIV community throughout the world. It helps you to conveniently organize your medication intake timetable and set concealed and personalized reminders, get doctor's recommendations, and schedule doctor's appointments or blood tests. It also makes keeping track of your tests more convenient and allows you to always have them at hand.
- Technologies: Php 7.0, Symfony 2.8, Doctrine 2, PostgreSQL 9.3, Redis; RESTKit, SQLite, SQL-Cipher, FMDB, GoogleMaps; HTML5, Sass, CSS3, Bootstrap, jQuery, Mustache, moment.js, Typeahead, Zabuto Calendar, jquery.Fullpage; Retrofit2, SQLite, EventBus3, Crashlytics, Maps Android API, MPAndroidChart, SQLCipher; RESTKit, SQLite, SQL-Cipher, FMDB, GoogleMaps SDK, Charts 3.0
- Team: 1 PM, 2 QA Engineers, 2 Front-end Developers, 2 Android Developers, 1 iOS Developer, 1 PHP Backend Developer

### POC of Application for Android-Based Wearable Watch

- Application type: Wearable device
- Industry: Healthcare
- Customer description: (under NDA)
- Project description: The aim of the project was to develop a Proof of Concept application for an Android-based wearable watch. The application is a custom launcher, which should help elder people keep in contact with their family or doctor. The application tracks pulse and location using device sensors, provides ability to send collected data to contacts, supports emergency calls using SIM-card.
- Technologies: Android SDK, Google Cloud Messaging, Sensors API
- Team: 2 Android Developers

### An iOS Application for Medical Personnel

- Application type: Mobile
- Industry: Healthcare
- Customer description: (under NDA)

- Project description: The project was intended to develop an application for medical personnel that would simplify the process of collecting and storing all patient information. The solution allowed for creating medical records using customizable templates. Medical records were encrypted and stored on a server. The existing records could be sent by email as PDF files and edited by other doctors.
- Technologies: Objective-C + Swift, CoreData + Encryption, RESTful API, Cocoapods, Google analytics, Multithreading, Custom animation, Core Location, UIKit
- Team: 1 iOS Developer

### API for Processing Electronic Payments

- Application type: Web API / Mobile
- Industry: Micro Payments
- Customer description: (under NDA)
- Project description: The aim of the project was to develop an API and iOS SDK for existing web service that performs processing of instant electronic payments.
- Technologies: ASP .NET MVC, ASP .NET WebAPI 2, Autofac, EntityFramework , Newtonsoft.Json, Quartz.Net, Swashbuckle.Net MS SQL Server, Swift, Cocoapods, FirstData Global Payment Gateway, Total Transact ACH
- Team: 2 .NET Developers, 1 iOS Developer

### iOS Application for Parents to Track Children's Development

- Application type: Mobile
- Industry: Healthcare
- Customer description: (under NDA)
- Project description: The aim of the project was to develop a mobile solution for parents to be able to track their child's milestones and share information about child to their doctor.
- Technologies: Objective-C, MVC, FMDB, SQLite, YoutubePlayer, Accessibility, Notifications
- Team: 1 PM, 2 iOS developers, 1 QA

### Cross-Platform Solution for Sharing Discount Coupons

- Application type: Mobile / Web
- Industry: Retail
- Customer description: (under NDA)
- Project description: The goal of the project was to develop a cross-platform mobile application for sharing discount coupons with the company's customers and find nearby shops. The solution included a web admin portion
- Technologies: Xamarin (both platforms: iOS and Android), PHP 7.0, PostgreSQL, HTML, JavaScript, CSS, jQuery
- Team: 1 iOS Developer, 1 Android Developer, 1 PHP Developer

## Web Application for Real Estate Agency

- Application type: Web
- Industry: Real estate
- Customer description: (under NDA)
- Project description: The aim of the project was to develop a simple website for a real estate agency. The website supports dynamic search with displaying locations on the map.
- Technologies: HTML5/CSS3, Sass, jQuery, Mapbox, Responsive
- Team: 1 Front-end Developer

## Website for Pet Supplements Shop

- Application type: Web
- Industry: Retail
- Customer description: (under NDA)
- Project description: The aim of the project was to develop a simple website for a company, which produces pet supplements.
- Technologies: HTML5/CSS3, Sass, jQuery, Orchard CMS, Responsive
- Team: 1 Front-end Developer

## Promo Website with an Interactive JavaScript Game

- Application type: Web
- Industry: Retail
- Customer Description: (under NDA)
- Project description: The aim of the project was to develop a website for a company, which produces veterinary products and pet vaccines. The main feature of the site was JS-based interactive game that allowed to learn some facts about pet diseases. \
- Technologies: PHP 7.0, PostgreSQL, html, JavaScript, CSS, jQuery, HTML5/CSS3, Sass, jQuery, Responsive, Adaptive design
- Team: 1 Front-end Developer, 1 Back-end Developer

## E-commerce Web Application (online shop) for Pool Maintenance Company

- Application type: Web
- Industry: e-Commerce
- Customer description: (under NDA)
- Project description: The aim of the project was to develop the website with the ability to buy company's products online and pay instantly with a credit card. The order page included shipping and tax calculation.
- Technologies: WordPress, PHP5, MySQL, HTML/CSS, JavaScript, jQuery
- Team: 1 Front-end Developer, 1 Back-end Developer

## WordPress-Based Web Application for Water Cleansing Company

- Application type: Web



- Industry: e-Commerce
- Customer description: (under NDA)
- Project description: The aim of the project was to develop a website based on the WordPress platform which contained detailed information about company's services and products, order form, downloads, etc.
- Technologies: WordPress, PHP5, MySQL, HTML/CSS, JavaScript, jQuery
- Team: 1 Front-end Developer, 1 Back-end Developer