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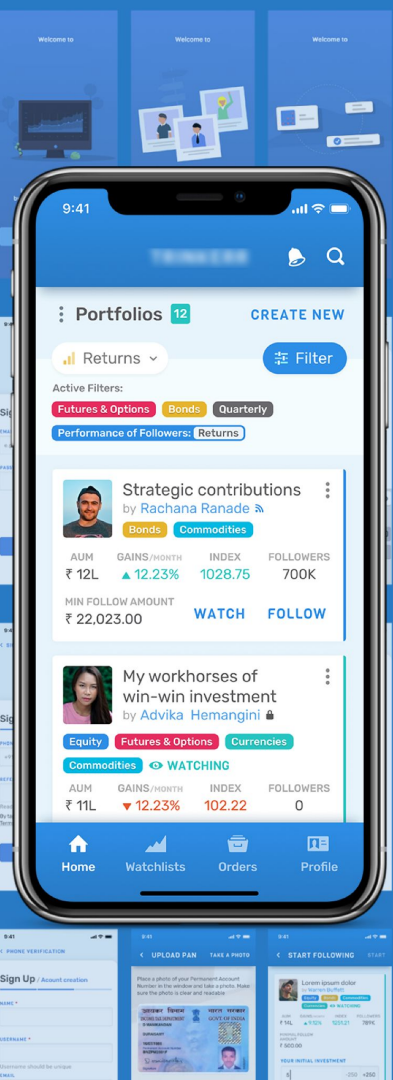
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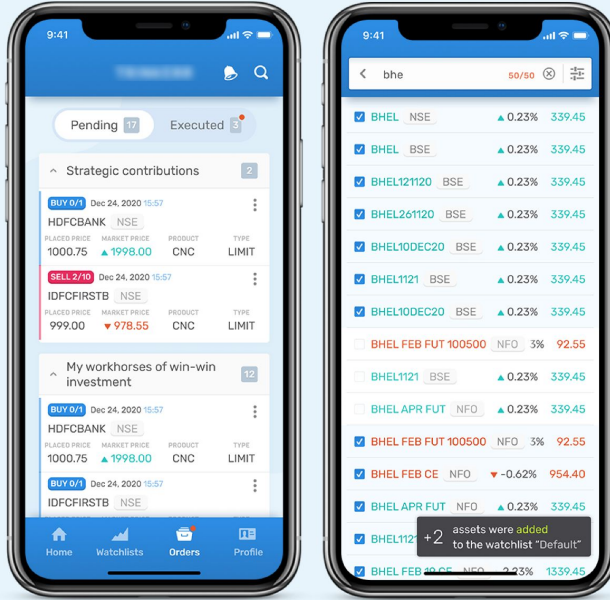
PORTFOLIO 2023



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DEVELOPMENT



Investment application. Users can watch portfolios and actions of other traders, copy their actions, and create their own portfolios



Investment Application

Industry/specialization: Banking and finance, mobile application

Task:

Create an investment application for iOS and Android operating in India. Users shall log in with different brokers and therefore become traders, engage with a like-minded community of stock market enthusiasts, copy their actions, create their own portfolios, track the progress of their investments .

Results:

We developed a social investing application, where stock market enthusiasts trade, and users can learn from them, engage with the community, start passive investing or active trading.

The following main features have been implemented:

Complex and specific filtration system. By asset class, trading frequency, performance metrics, etc.

Broker login - key Indian brokers available.

Watchlists creation. The user adds assets and/or portfolios of interest to his watchlist in order to monitor them for potential trading.

Create your own portfolio and view others:

- View all key metrics: performance graphs, composition, AUM, growth percentage, etc.
- For each portfolio there is a Twitter feed, if the user has a Twitter account linked, the data on all transactions is published in the feed.
- The user makes their portfolio private or public.
- Users follow the portfolios of other traders. They "copy" orders from the portfolios of other traders, all actions are performed automatically.

The application does not require special knowledge in investments: look for top traders, subscribe to their portfolios, copy their activity, get rewarded. The app currently has over 100,000 downloads on Google Play Store and Apple App Store.

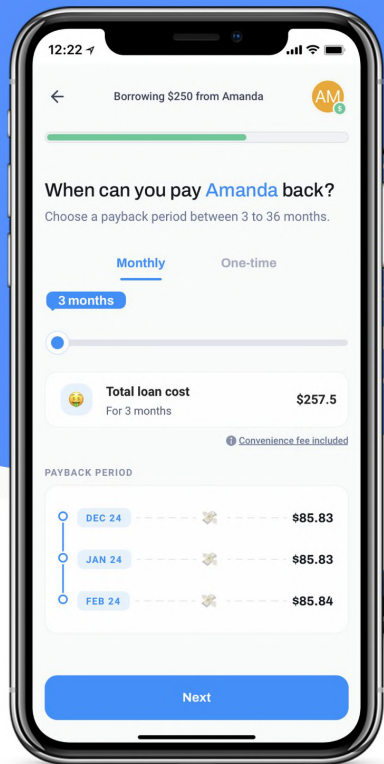
Technologies:

Figma, NodeJS Express, MongoDB, NativeScript, TypeScript, Angular

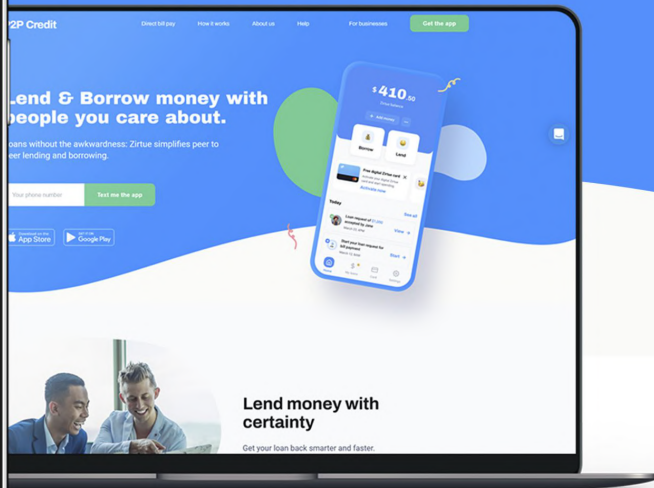


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Application for P2P lending to manage all your loans in one place in an easy and accountable way



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P2P Lending Application

Industry/specialization: Banking and finance, mobile application

Task:

Create a mobile application and a business portal for P2P lending with rich functionality based on a non-working prototype.

Results:

In 3 months, we developed the front-end and back-end of the application, carried out integration with the payment partner and business partners, and developed the design of the application.

One of the main innovations was adding the role of business partners. New service providers are constantly being added - utilities, banks, landlords, suppliers of gas, water, electricity, data transmission, telephone communications, etc. They become business partners of the system. A flexible B2B integration scheme was developed and implemented, which allows connecting business partners in 1-2 days.

With their alternative payment solution feature, app provides further accountability and trust for lenders by allowing loved ones to send their loan directly to corporate partners.

Businesses that use alternative payment solution will give their customers access to low or no interest rates and the ability to obtain a loan without an impact on their credit scores.

Another feature of working with individuals in the system is PLAID, which is connected directly to their bank account, not a card number. Thus, the observance of the borrower's obligations is guaranteed.

The app has over 100,000 installs on the Google Play Store and Apple App Store.

Technologies:

Node.js/Express, Redis, Mongodb, Mongoose, Amazon S3, FireBase, Mobile notifications, Twilio, Dwolla, SendGrid mail server, Typescript, Ant-design, ReactNative, Redux, Google-analytics, Facebook sdk

Exhibitions and events portal

Industry/specialization: SaaS

Task:

Create a scalable exhibition management solution for an Australian exhibition organizer. Our client, a development studio from Melbourne, Australia, provided us with a specification and layouts, and also delegated the right to independently resolve issues related to architecture and programming languages, which made it possible to meet the deadline of three months.

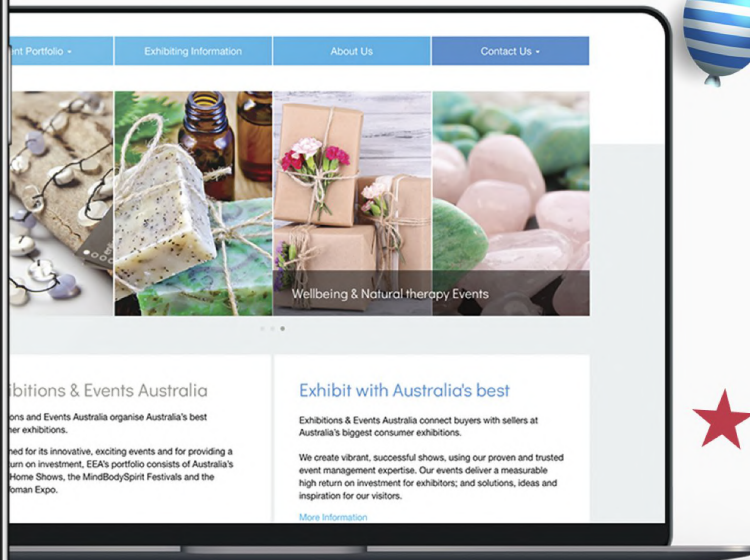
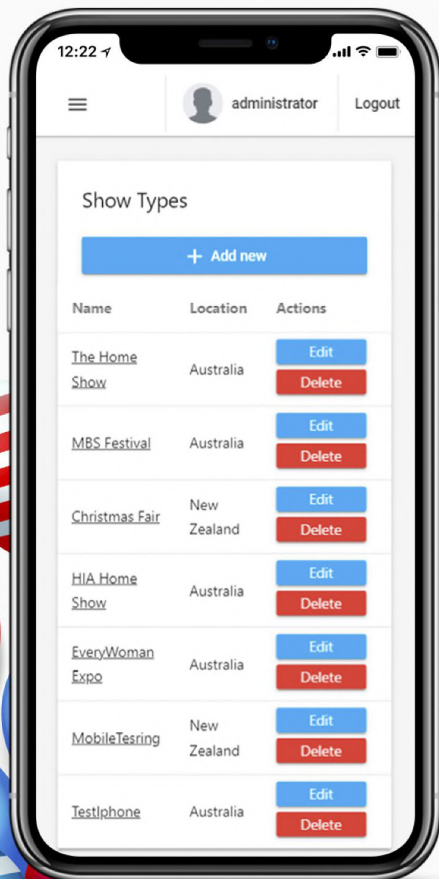
Results:

Based on the Azure platform, we have created three different user types: Administrator, Exhibitor, and Visitor. The administrator creates custom forms for upcoming events, access analytics, and manages registered exhibitors. Exhibitor uploads data, manages their team, booth, promotional materials and events like seminars, one-on-one meetings and more. For attendees, the platform provides tools to sign up for seminars and one-on-one meetings. We hit the deadline and delivered a scalable Azure-based platform to handle heavy traffic.

Technologies:

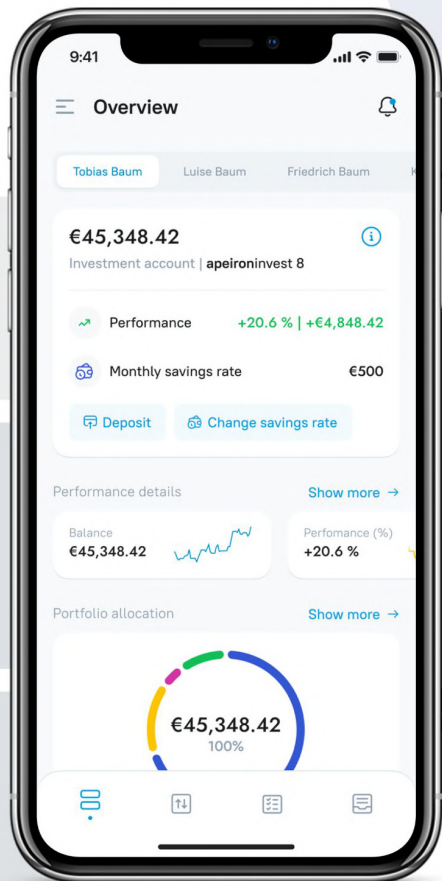
C#, ASP .NET Core, RESTful web-services, Angular, HTML5 / CSS / Bootstrap, Azure SQL Server, Azure BLOB Storage

Scalable exhibition management solution for leading Australian exhibition organizer

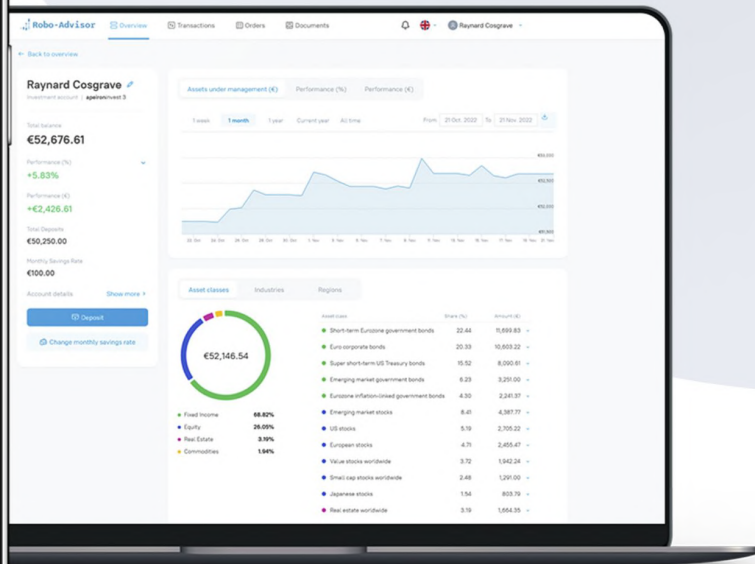


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Investment website and mobile application for making investments based on leading capital market research and artificial intelligence technology



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Robo-Advisor

Industry/specialization: Banking and finance, mobile application

Task:

The client had an immature existing web and mobile application. The application is intended to provide investment strategies based on leading capital market research and artificial intelligence technology. Users don't trade anything: all investments are performing automatically based on goals and user strategy.

We shall develop and improve the product by adding new features.

Results:

To improve the product, we redesigned it. Implemented a user identification mechanism. Optimized work with the local keycloak server.

Many improvements have been implemented in working with the investment account. Sub-accounts for users were added, each sub-account corresponds to a specific goal and investment strategy. For example: Global Investments - regular investment account; Sustainable investments - investments only in "green" companies; Savings - an account with a low risk strategy or a deposit account. We also created a feature for adding an investment strategy manually.

When choosing an investment, the application gives advice in an intuitive way. We have provided an extensive set of tools for displaying and analyzing account and creating forecasts.

Technologies:

Angular (RxJS/NGXS, PrimeNG, Keycloak, HighCharts), SCSS/Swiper/Lottie, Fast JSON patch, Lodash, ReactNative/expo, redux (toolkit/query/thunk/persist), React-navigation, AWS/firebase/Sentry



Successfully implemented new functionality in professional ophthalmological software



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Visual acuity test system

Industry/specialization: Medicine

Task:

Integrate a new function into the professional ophthalmology software based on Windows. It is designed to test visual acuity and is used by ophthalmologists in the US, New Zealand, the Philippines and South Africa.

Results:

On behalf of a client, we have successfully added the 'Dyop test' feature. To ensure the accuracy of testing, aspects of the display of the application have been worked out in detail. In addition to dynamic graphics, synchronization is implemented on multiple devices.

We made it possible to manage tests using various devices: keyboard, mouse, IR remote control and iPad.

Main features:

- dynamic graphics,
- second monitor,
- IR remote control,
- iPad controller,
- EMR system,
- user database.

We are currently providing support for this system.

Technologies:

WPF, DirectX SDK, Windows graphics, Objective C, iPad programming

Cryptocurrency purchase system

Industry/specialization: Banking and finance, blockchain application

Task:

Develop an automated cryptocurrency purchase system for an Australian cryptocurrency and fiat money exchange service. The system shall place orders on the localbitcoins.com trading platform and record transactions on the Xero accounting platform.

Results:

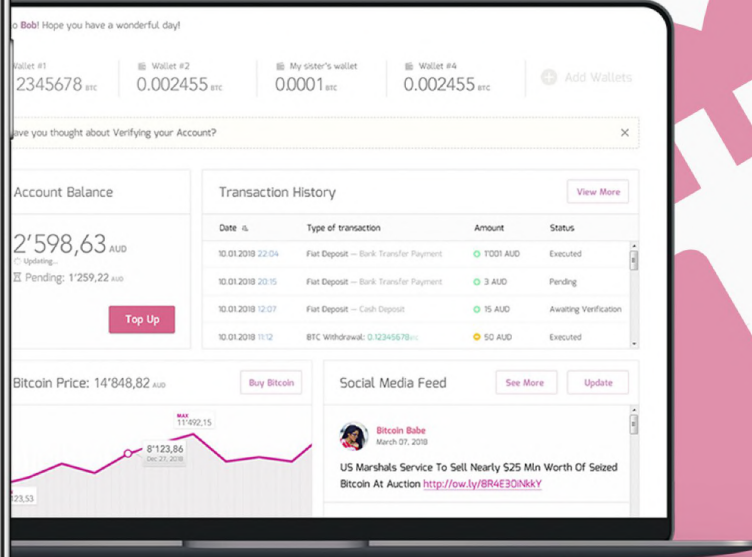
We have built the system, as requested, with the following key features:

- To comply with Australian financial laws, GreenID KYC, 2FA and full database encryption have been integrated.
- To fulfill requests to buy cryptocurrencies, we have developed a trading bot that automatically buys the requested amount of cryptocurrencies on the localbitcoins.com platform.
- All crypto transactions are automatically recorded in the Xero accounting system.
- We have developed tools for depositing and withdrawing fiat currencies, including credit cards.

Technologies:

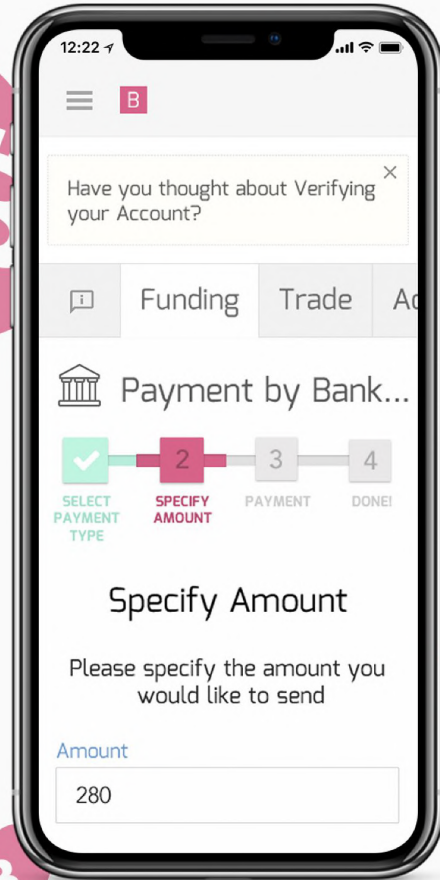
Asp .Net Core , Entity Framework Core, ASP.NET Core Data Protection, AutoMapper, MailKit, OpenIddict, NLog, StackExchange.Redis, Newtonsoft.Json, NUnit, Moq, Selenium, Angular, Azure services

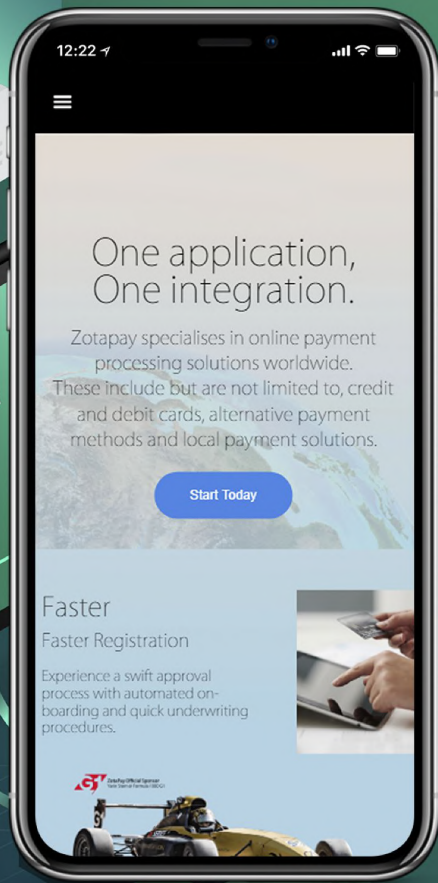
Cryptocurrency online service for an Australian exchange platform



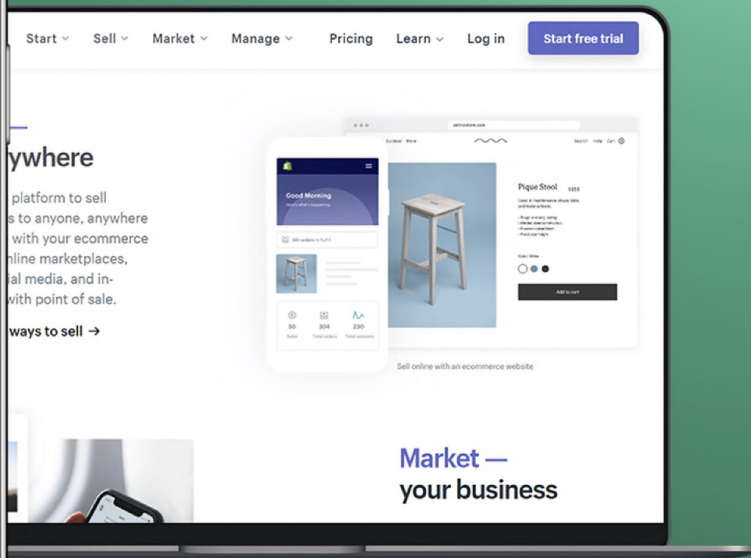
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Provide payment processing through Zotapay gateway for Shopify users



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Payment service

Industry/specialization: Banking and finance

Task:

Provide payment processing through Zotapay gateway for Shopify users.

Results:

We have proposed two possible options for the implementation of the project:

- 1) Integration with Zotapay via Shopify SDK. This allows Zotapay to become a direct payment provider. This means that during the creation of a Shopify store, a user, in the role of a merchant, can select Zotapay as the payment service provider in their store admin controls.
- 2) Integration with Zotapay by manually installing the Zotapay public app by the user in their store. This approach requires additional work on the user side.

We chose the second option - creating a public application for integrating the Zotapay service with Shopify.

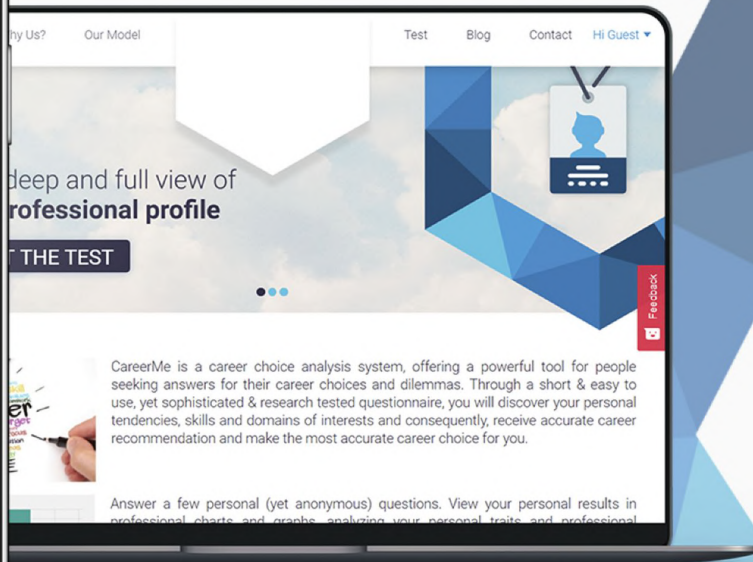
We have successfully developed a public application that is used in Shopify stores to process payments through Zotapay.

Technologies:

PHP, Shopify SDK



Application with career guidance tests to find ideal degree, course or career



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Application for career guidance

Industry/specialization: SaaS

Task:

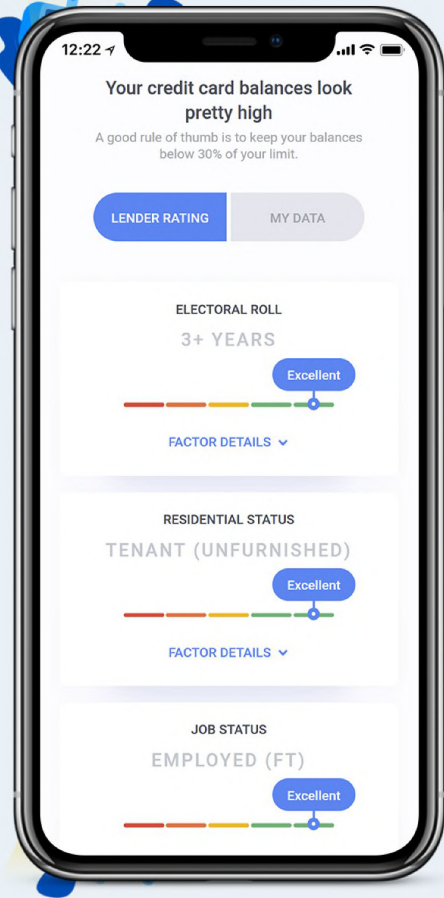
The task was to develop an application with tests designed to help users find ideal degree, course or career. We received this project from a client with a limited budget.

Results:

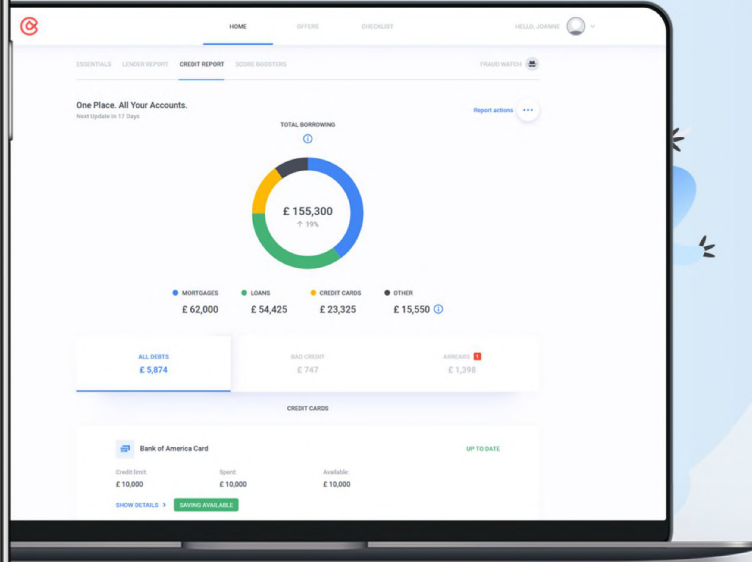
We have created a full-fledged website with professional tests, integration with major social networks, necessary payment solutions and administrative interfaces. To keep development costs down as requested, we used Sulu CMS with related packages.

Technologies:

PHP, Symfony framework, Sulu CMS, MySQL database, elastic search, jquery, bootstrap, browserify, uglifyjs, sass, aura, appropriate set of Sulu CMS bundles
Payment gateway: Tranzilla, PayPal



An application visually familiarizes users with their credit history so that they would control and improve it



Credit history application

Industry/specialization: Banking and finance, mobile application

Task:

Our client is a start-up company that helps people manage and improve their credit history. It was necessary to create a prototype of a visual web application using modern technologies. The client provided mockups of their own design and UX Flow diagram.

Results:

We started with layout, picked up a good library for drawing charts, and worked on SVG animation. Created an application in React Js. When creating, we used the Pixel perfect layout and dynamic animation of user interface.

We have created an application that visually familiarizes users with their credit history so that they would control and improve it.

Technologies:

React/Redux, HTML5/CSS3/LESS



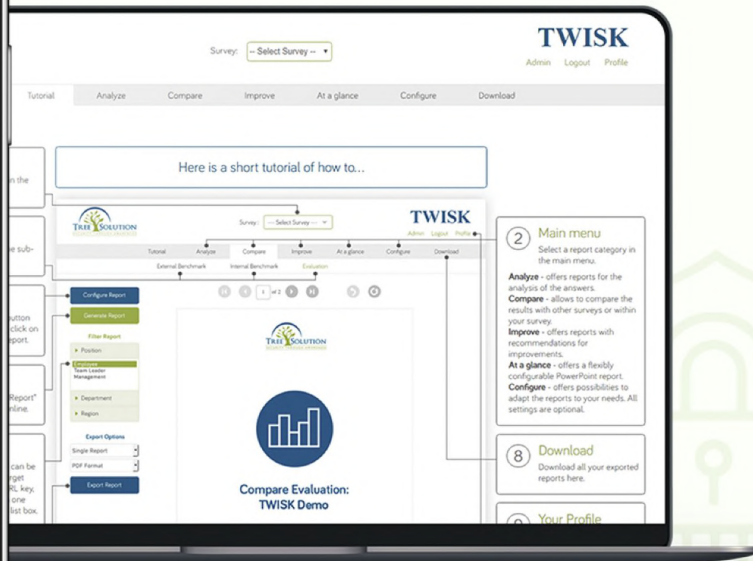
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A project that uses the NSurvey open source library requested a complete update of the survey platform



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Survey platform update

Industry/specialization: SaaS

Task:

A project that uses the open source library <http://sourceforge.net/projects/nsurvey>, made a request to update their survey platform to make the interface user-friendly and modern.

Results:

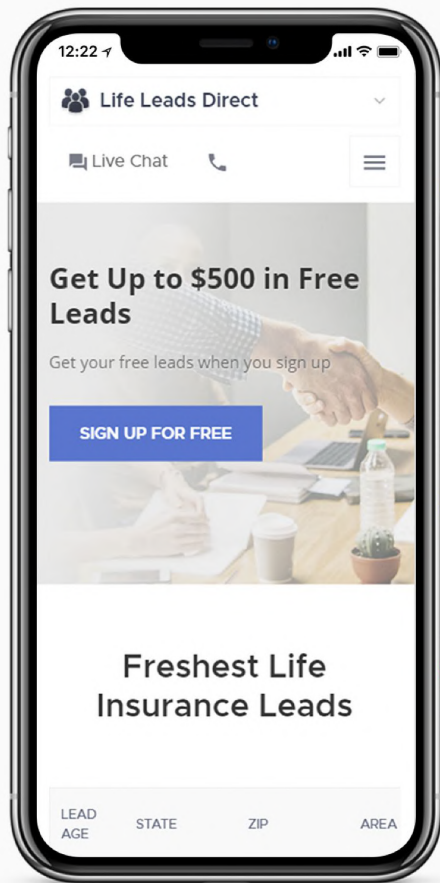
We have taken over the development of an ambitious project and are currently continuing to provide support for modules and interfaces.

The service loading speed was optimized, SQL Server SP and call mechanisms were configured, database performance problems were fixed, the technical stack was updated to the latest Microsoft technologies. We also developed a new type of surveys and reports.

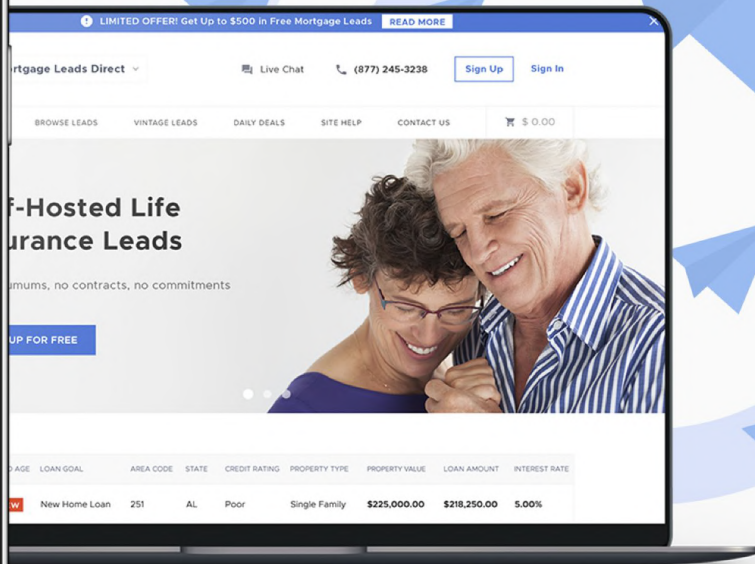
The platform is now a b2b project that is actively used by financial institutions, telecommunications companies, government agencies, IT and consulting companies for conducting surveys. The service is provided in the form of Internet or Intranet applications.

Technologies:

ASP.NET, Entity Framework, Open XML SDK, Microsoft Report Viewer, Unity Core Engine, SQL Server



Transferring the client's CRM platform from outdated technology to a new engine from Boberdoo.com. Frontend development for the Boberdoo platform



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Sales management platform

Industry/specialization: Lead selling platform

Task:

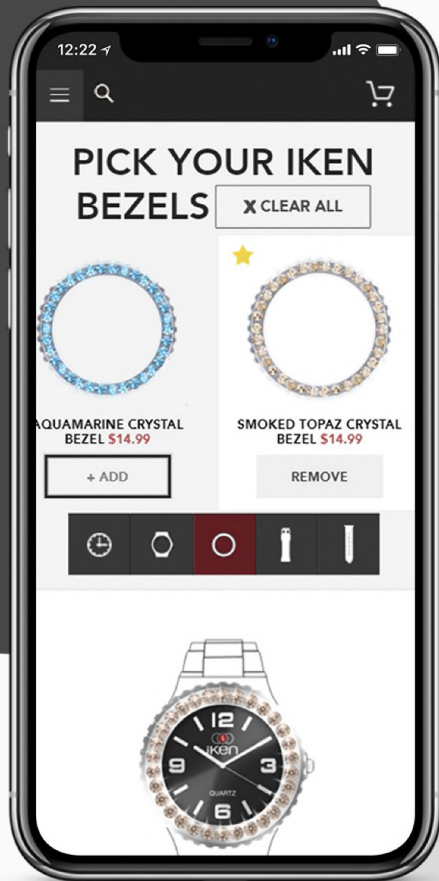
Help a client move from a legacy CRM sales management platform based on Adobe ColdFusion to a new engine from Boberdoo.com. Develop a front-end for the Boberdoo platform, including SEO optimization.

Results:

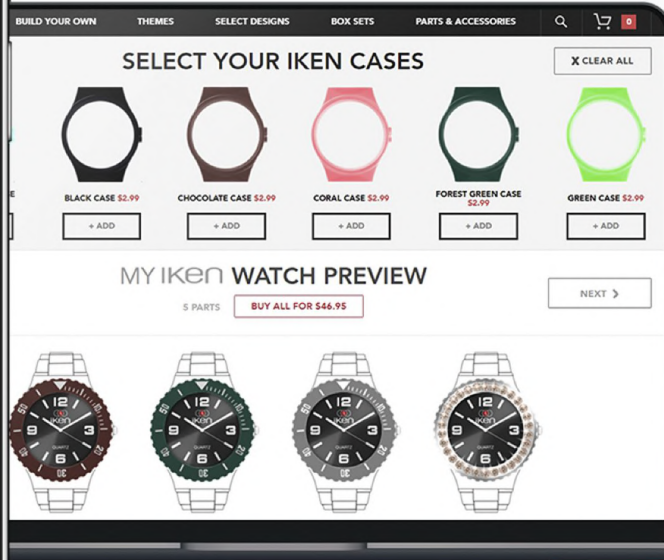
We deployed a legacy ColdFusion-based platform, extracted and moved all the necessary data to Boberdoo. Created an e-commerce application with access to the user's personal account. Based on the layouts provided by the client, we updated the interface design. Now the client uses the usual functionality of his CRM, but on new technologies with optimized code. The generated interface uses back-end methods for the user interface. On the server side, we made the fixes and improvements that were required to implement the new user interface. We also found some issues related to SEO. And we created a website with a lower bounce rate, which took our client's business to the next level. The team successfully solved all the problems according to the client's request.

Technologies:

Angular, Angular Universal, SEO, SSR (Server Side Rendering), rxJs, primeng



An online shop for selling unique watches, where the customer can create their own design and order watches that match their own style



Watches online store

Industry/specialization: E-commerce

Task:

Our goal was to develop a non-standard online watch store with a wide range of customization options. In which customers shall design and order watches to match their own style from nearly a million colorful options.

Results:

We chose the NopCommerce platform as the basis for the online store. The most interesting part of the project was creating our own "Clock Configurator" from scratch using .Net and Angular and embedding it into the NOP store engine as an independent plugin, while keeping the possibility of future updates of the NOP version.

The project was completed in March 2017. Since then, it has been running smoothly, generating revenue for the client, with zero maintenance costs.

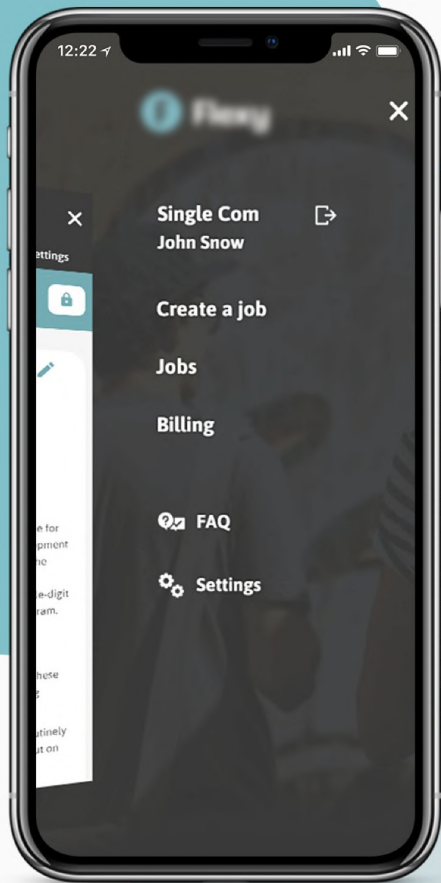
Technologies:

nopCommerce, .NET C#, Angular, HTML5, CSS3, TeamCity, JQuery, Bootstrap, SQL Server, PayPal API

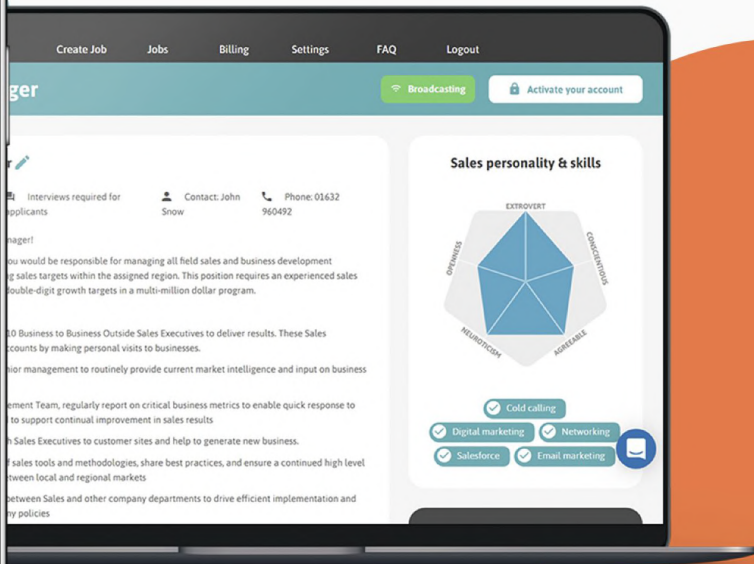


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Web application for finding temporary and seasonal work in the UK job market



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Job search web application

Industry/specialization: SaaS

Task:

Help the in-house development team build a web application for the UK temporary job market.

Results:

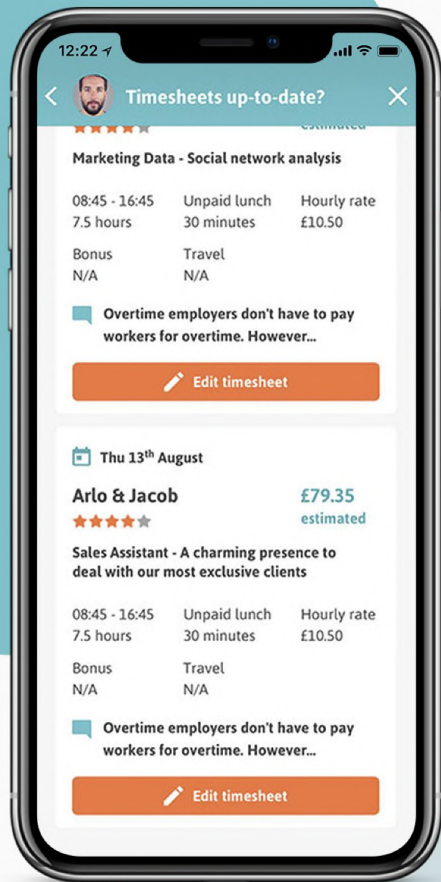
As part of the development team from day one we were responsible for designing React components and programming them according to company standards. The tricky part was the combination of TypeScript and ReactJS/Redux.

The entire hiring process from job posting to payment has been greatly simplified with this app. The need for face-to-face meetings is eliminated. Applicants are only required to create a profile and apply for a job posted by the employer. The employer chooses which of the applications to approve. All other steps are performed automatically.

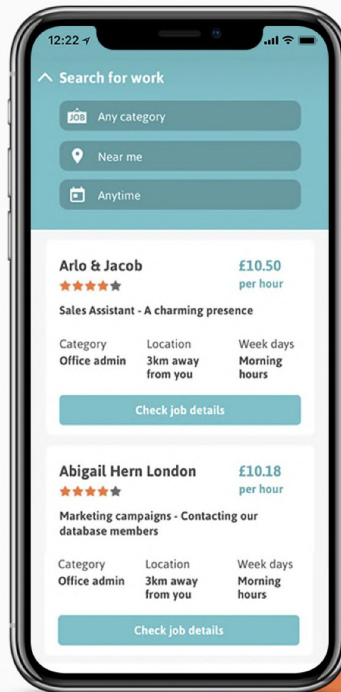
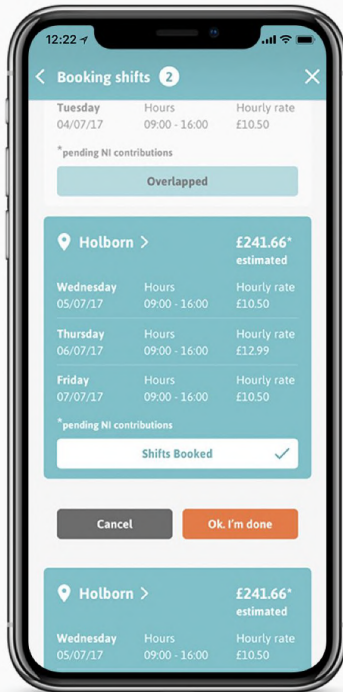
The project is online and can be viewed at flexy.com.

Technologies:

TypeScript, React, Redux, Webpack, LESS, HTML5, websockets, Google Maps API



Hybrid mobile app for iOS and Android built with React Native with functionality similar to an existing web application



Job search mobile application

Industry/specialization: SaaS, mobile application

Task:

Create a hybrid mobile app for iOS and Android using React Native with similar functionality to an existing React JS web app in terms of features.

Results:

We used our specialists' skills to create a first-class mobile application that met the client's expectations.

React Native with Redux turned out to be the perfect toolkit for the project.

React Native saves time by making the app efficient and understandable on both platforms because it uses the same fundamental UI building blocks as regular iOS and Android apps. While with Redux we control data display and responses to user actions.

The mobile application is easily integrated with the web application and administration module.

The app is available on Google Play and App Store.

Technologies:

ReactNative, TypeScript, Redux, Webpack, LESS



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