

Z.UA and Codex Software: developing the website constructor service

About

Codex Software assisted to launch Z.UA – a cutting-edge Ukrainian website constructor with intuitive user-friendly mechanics, sleek modern interface and a number of beautiful & fully responsive templates available. The solution contains a number of profound website design tools and allows to create beautiful websites for any users – even those without any skills or experience in web design.

The Challenge

The Customer was looking for a contractor to develop a comprehensive, modern and user-friendly SaaS website constructor on basis of the provided functional mockup and design visuals. The end-product was expected to be extremely user-oriented and combine unprecedentedly comfy user experience with perfect security and great productivity retained under any workload.

Though combining great efficiency and fantastic aesthetic value was a very skill-sensitive task on its own, the product required using the most trending tech combo of Node.js, React.js and MongoDB to be completed. Dynamic, efficient and stable, the combination was a huge industry hit at that moment, but only a few companies apart from Codex Software could demonstrate any related proven experience.

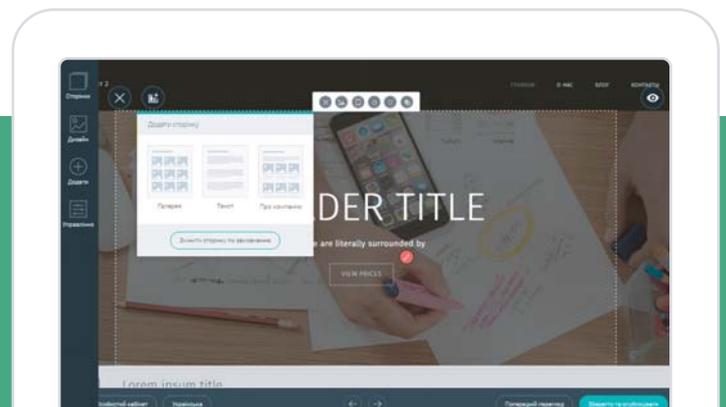
The Process

To meet the Customer's requirements regarding web service scalability and performance, Codex Software made heavy use of Node.js, MongoDB and Amazon AWS cloud computing platform's major components, including the feature-rich Amazon EC2 and secure & stable Amazon Simple Storage Service (S3). This allowed us to create the back-end that scales and handles all system interactions perfectly.

The development of a sleek and profound front-end was based on a combination of cutting-edge React.js framework and Webpack – a frontend building tool that bundles Javascript and other software assets, providing numerous features (code splitting, managing synchronous and asynchronous queries, etc.) The combo allowed us to easily tackle all programming obstacles we faced in the course of development, and deliver the web service in line with the Customer's expectations.

The Result

Codex Software managed to meet all the Customer's requirements and delivered the website constructor within the negotiated timeframe and budget. The Customer was happy with the services provided and successfully proceeded into the next stage – the website constructor went on release in the early 2016.



For more information, please get in touch

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