EducarUno Case Study

EdTech Platform

Market Place

educaruno
FUNDACIÓN

"Deliver a e-learning marketplace with the latest technologies, to potentialize education system".

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ClickIT
SMART TECHNOLOGIES

EducarUno is a social enterprise that aims to contribute to the integral development of the human being from the emotional, academic, technological and familiar aspects, through the establishment, improvement and implementation of practical educational models and self-sustainable and replicable concepts that offer excellence and quality level world.

 Setting up full system.

 Consider user experience.

 Auto-scaled servers.

The Challenge

The challenge faced by clickit with this project was setting up an integral and full system where an specific issue was to consider the user experience to engage people and also to show a simple, intuitive, fast and attractive interface with full functionalities. All these characteristics inside an auto-scaled group of servers protected by a private network, while being able to communicate to the outside world with the bank authority.

Requirements

The infrastructure required a stable code, pure code. There are several services, each on their own server, all of them being able to scale up or down depending on network traffic.

- LMS(Learning System management)
- Marketplace
- Social Network
- Authentication & authorization

Market place

LMS

Authentication

Authorization

Using Scrum methodology our developers were in constant contact with the client in order to notify develop progress of all infrastructure, we divided these project in **modules** in order to develop independence code and functionalities and identify critical tasks and functionalities.

The main objective was to satisfy the need of the client to have a highly available, scalable, secure and optimized cloud infrastructure based mainly on virtual servers dedicated to different services, which were provided by the client.

Technologies

The infrastructure required a stable code, pure code. There are several services, each on their own server, all of them being able to scale up or down depending on network traffic.

- MongoDB
- MySQL

- JavaScript
- Node.js v 6.5.0
- **PHP version 5.5.9**

- Laravel 5.1
- Laravel 5.2
- Nginx v 1.4.6

- CSS3, HTML5.
- Jquery v2.1.4, JSON objects, AJAX.
- Google Compute Engine.

Results

FutureED has a 10,000 monthly traffic of users and in a year the traffic will grow till 50,000 users per month they can create courses and sell them, enrolling courses and enhancing skills, selling physical products too and sending them by post office, using classical payment methods and digital ones through banks, and affiliates
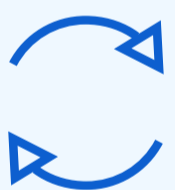
Users have a chat where they can keep in touch with registered users into the courses sharing information, having a conversation about the course, having feedback,
The owner can create, full exercises, tasks, uploading files and evaluate their students, which FutureED is achieving their goal that is join education with people and create a better standard living.

About Us

Development
Web and Mobile Development for Ecommerce sites, Startups, Mobile and SaaS applications.

DevOps
Continuous integration and Accelerate your Development productivity with IT automation.

Cloud Computing
Integrate your online business to the cloud today. Get the benefits that cloud computing can give you.

Security
Hardening and malware removal. Ask for a security assessment, ethical hacking and penetration testing.

Migrations
Migrate your aplication to the Cloud, or move your site to the hosting that suits you best.

Optimization
Accelerate your application and CMS using caching layers, CDN technologies and tuning your LEMP services.

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