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My Goal

Become an architect of a \$1B internet business using my 15Y+ experience of engineering, internet market and digital marketing.

Work Experiences

Turksportal.net

Co-founder & Lead Developer

2000 - 2006 (6 years)



We established Turksportal at 2000, for create public opinion to Sports Interactive(SI) about including Turkish Leagues into their football management game named Championship Manager. Campaign was succeeded and we have been awarded to build and manage research team. We had over 25 voluntary to build accurate game data.

I also involved to develop whole web site which is completely a portal which is still using by company. We had developed some earlier examples of AJAX and div based design in the website. I also integrated vBulletin with our ASP website.

I was developed live match centre and stats pages in Football section. Web site was at the 2nd place in "futbol" query in Google after Turkish Football Federation. After i quit from the site, football side was abandoned.

Site was in Alexa Top 300 in Turkey. We won a national award named "Altin Orumcek" in 2006.

We also translated game in Turkish in early 2000s. I organized voluntary team to translate language files that has over 4 millions of characters. After a few years passed, game developer company convinced our teams and communities desire to add Turkish as one of official language of the game.

We almost reached %100 penetration for football fans who has internet connection in early 2000s without using any kind of power of social media which does not exists.

We also won "Magical results with small budgets" prize in "Marketing Awards" in 2008 with our effective marketing campaign.

Prosentez
Chief Technical Officer
May 2002 - September 2002 (4 months)



I had been hired by a media company for project called Turkish Football History which was developed for Turkish Football Federation (TFF). The goal was calculating different kind of statistics which takes many days for researchers such as international cap counts of players or teams player counts in national teams.

Software database was containing over 6000 match data since TFF was established. All data was manually entered to computer by data entry team which includes some of volunteers. We have predicted scores of national matches with our statistical datas. Software gaved us many important errors on Federation's printed publications.

The software was developed on Visual Basic with Access database. Some animations of the software was developed on Flash. Software has automatic data update feature as like as modern browsers.

In the same timeframe I have also developed and hosted legendary Turkish international soccer players such as Hakan Sukur, Emre Belozoglu and Hasan Sas.

Screenshots of the Turkish Football History software could be downloaded from <http://tolga.kaprol.net/calismalarim/turk-futbol-tarihi/>

Comuner
Senior Software Developer
May 2002 – February 2003 (10 months)



Developing and Maintaining Remax Turkey web site, Windows Web and Mail Server Administration and Help Desk Support for Real Estate Offices, Developing Real Estate Web Sites for minor companies and networks.

We had heavily optimized Remax.com.tr which has online CRM functionalities. Also we did SEO of the website. With our SEO project, site traffic had raised more than %60.

Tele.com.tr Magazine
Columnist
2004 - 2005 (1 year)

tele.com.tr

I wrote articles to Tele.com.tr printed magazine for a year. Outstanding articles were Celestial Bodies and interviews with retail chains managers which has online stores.

Buzpark IT Solutions
Senior Developer
2006 - 2008 (1 year 6 months)

buzpark

Developing and maintaining subscription and payment systems for magazines such as Businessweek Turkey, Infomag, Photoshop Magazine and companies hosting brand Dataxi which acquired by MyHosting.

Developing Postapark (<http://www.postapark.com/>) which is uses WAPI and Smarter Mail to create mail based webhosting services. Web site developed in era of IE6 and uses lightboxes when jQuery and ready to use lightboxes was not used widely in 2006.

I had also coded some famous fashion brands such as Fabrika and Network.

Grid Telecommunication
NOC Operator & Linux/Windows Server Administrator
2008 (1 year)

 **gridtelekom**

Grid Telekom is one of the first VISA accredited datacenter in Turkey. Also the company the biggest independent ISP in Turkey. Company has datacenter facilities in Istanbul, Ankara and Atlanta. Istanbul hosts over 1000 web servers. My duty is setup new clients servers and managing some of the client servers. I have setup many critical web service servers on Linux and Windows. Also i have responsible from monitoring whole datacenter using tools like Cacti or Ipswitch What's Up etc.

FF IT & New Media Solutions
Founder
March 2008 - Present



I had developed PHP port of my CMS which i had developed for my first website Turksportal.net since 2004. We used this framework to build website suite specialized for real estates and e-commerce. Software was completely written with SEO perspective. Framework is object oriented and also has own template system and includes social integration features.

I have also established an Hosting brand that named "Hostburger". We hosted industry leading companies web sites and servers. Clients were aquired by a new hosting company. I used SmarterMail, Plesk for Windows and Plesk for Linux and WHMCS for the company. Also i developed Rackspace Cloud addon for WHMCS.

I have also worked which Daha.net an My Hosting brand for a while. I had developed some plugins for WHMCS and API plugins like their iPhone app.

We are also started to develop websites on WordPress with using its CMS functionalities since 2009.

I had also developed numerous WordPress plug-ins and themes for clients. I moved some of my own portal websites into WordPress. I modified many plugins for handling my needs.

I also developed some experimental applications for Facebook & iOS.

In 2012 we started to work with .TC registry as a general advisor and technical solution partner. We built .TC registries new web sites and managed migration of TLDs that company managing to a registry service provider. I was also responsible to build technical and support team and manage online marketing and social media accounts.

Earlier 2013, company decided to migrate registry into an independent solution and we decide to move on CoCCA registry. Because of the problems between registry management and service provider, we needed to move registry very quickly. We just moved registry in less than a month into CoCCA without any loss or service failure. CoCCA registry infrastructure that we built for .TC is an redundant registry system which works in different locations in Istanbul and North America. As a ccTLD operator we also built and managed our own master and slave DNS servers. Our servers was tested with full scale attack made by Anonymous Turkey but never succeeded.

On the marketing side on .TC, we prepared a marketing campaign covers magazines, newspapers, TV, events and online marketing. I managed online marketing budget and advertisements also assisted mass media campaign.

As a result of our campaign, .TC TLD registered by industry leader companies not limited to protect their brand but short urls to use in social media.

We also developed some more projects that support registry company. As our first project was BULUT.TC which is the cloud hosting service built for the company. We also developed some more projects with third party companies. As a result of these projects, some companies started to .TC TLD in their marketing campaigns.

Starting for 2014, we are working with CoCCA Registry. We had established a shared registry infrastructure for CoCCA to run multiple registries in Istanbul which meets new gTLD criterias such as IPv6 and ISO 27001 which are very rare.

Eigital, Istanbul
Lead WordPress Developer
2013-2014



I'm worked for some foreign agencies from Dubai, Los Angeles, Texas, Croatia and Singapore to build WordPress driven projects. We have built some large scale WordPress web sites for IIFA (Indian Movie Academy Awards) and one of the largest Indian company Amira (NASDAQ: ANFI)

SAE Institute, Istanbul
Guest Instructor
October 2009 - 2015



I had instructed "Server Management & Networking" and "Data Compression" courses for Audio Engineering and Digital Film & Animation students as a guest instructor.

Asia Green IT Systems A.S. , Istanbul
Top Level TLD Consultant
March 2015 - Present



I had been hired for preparing the registry from zero to launch phase. I have worked closely with CoCCA Registry Systems which is registry service provider of Asia Green IT Systems. I also given TLD marketing consultancy to the company to build their launch strategy.

TR.net Bilgi ve İletişim Hizmetleri A.S. , İstanbul

Technical Fellow

June 2015 - Present

I had been hired for building software systems of a brand new datacenter, cloud and supercomputer facility which located at inside Istanbul Technical University Campus at main business region of Istanbul. I managed twenty engineers at peak and my team deployed cloud applications such as OpenStack, Ceph, Kubernetes, WSO2 middleware product family, BPM, PLM softwares that group companies needed. We also developed document management system, independent billing and charging subsystems for OpenStack, Layer 2 / Layer 3 Software Defined Switch between datacenter and cloud networks.



Education

Computer Engineering (Master Degree)

University of Ahmet Yesevi Turkish-Kazakh University

2016 - June 2017

Computer Engineering (Bachelor Degree)

University of Ahmet Yesevi Turkish-Kazakh University

2009 - 2015

Geophysics Engineering

Istanbul University, Engineering Faculty

2002 - 2008

Projects

ccTLD Registry Infrastructure for multiple ccTLDs

I had been worked for a domain registry company which manages three ccTLDs. I had managed registry three-stepped migration. First migration had been completed in August 2012 and registry moved from outdated registry software into third party solution. Outdated registry infrastructure has not any registrar layer. We have classified all accounts and defined a scheme to new registry by analyzing domain WHOIS data and transaction records of the company.

After a successful marketing campaign for re-launch of .TC ccTLD, we have started work on moving ccTLD registry to Turkey.

Final step for registry migration completed in april 2013, and all softwares and hardwares including root DNS servers started to manage by our technical team. We have built a distributed multi-continental registry infrastructure to run registry environment.

Also I get in touch with accredited registrars for their technical questions and issues.

Turksportal Content Management System

An ASP and MySQL driven content management system has many different capabilities like download directory; article sections; image gallery; leagues, matches and player databases and even live match center.

Thanks to the form population property, CMS has capability to create new fields and sections in a short time using configuration files.

On the frontend side it has some earlier examples of AJAX usage.

CMS has been used for several websites and then ported to PHP.

In 2006, CMS renamed as ETOM™ rewritten from scratch. Latest version has unique backend form builder with support 1-N relational modals; unique translation, cache and template engine for front-end. In 2015 project has been approved an official technology development zone project by Trakya University.

ETOM™ currently has following editions: real estate, e-commerce, e-invoice and service desk.

Türk Futbol Tarihi (Turkish Football History) Interactive Software

Software includes all historical international match datas of the Turkish Football Federation (TFF).

Database includes every player name, their club information, match squad informations including subs, goalscorers, captaincy and federation officials who are in charge during the match day.

Advanced filter option helps users to filter matches instantly and gives interesting hidden details which may take very long time to calculate it.

Software also helped to correct some false informations on the federation almanacs.

Software interface is very interactive and users able to click any area that they want to filter the data on the screen.

Please check the website for the screenshots of the software:

<http://tolga.kaprol.net/calismalarim/turk-futbol-tarihi/>

ITU Cybersecurity Working Group

I am of one founders of Cybersecurity Working Group which was established in 2017 at Istanbul Technical University with support of Istanbul Technical University Rectorate and Istanbul Technical University Technology Transfer Office.

Distributed Document Management System

A tailor made document management system project has been developed for one of largest lawyer office in Turkey. Document management storage and identity was based on a Gitlab server. Project was designed as a n-tier architecture. We used WSO2 Identity Server, API Manager, Enterprise Service Bus, Business Process Server and Complex Event Processor for the middleware layer. PDF's that has not any meta data or newly scanned documents (e.g. TIFF files) has been converted using OCR tools like Google's Tesseract and Apache Tika to convert files into searchable documents. We transformed over 2 million pages (or) on an in-memory Elasticsearch cluster to allow users to search documents. We also developed a responsive web interface and a desktop client similar to Dropbox Windows extension to allow lawyers access to their documents.

Courses & Seminars

- **Computer Programming Fundamentals**
Ahmet Simsek College, 1997
- **Developing with Basic Language**
Ahmet Simsek College, 1997
- **Developing with Pascal Language**
Ahmet Simsek College, 1998

Languages

Turkish, Oral and Written. Upper-intermediate level.

English, Oral and Written. Upper-intermediate level.

I had been educated in English language including Mathematics & Science courses for 4 years at Ahmet Simsek Collage, Istanbul.

Spanish, Oral and Written. Beginner level.

I had self-learned by language sets.

Kazakh, Oral and Written. Elementary level.

I had been take Kazakh languages and Cyrillic.

Skills

- Databases: SQL, Oracle, MsSQL, MySQL, PostgreSQL, MongoDB
- Version Control Tools: SVN, CVS, Git
- Web Programming: ASP, PHP, Python, Ruby, HTML5, CSS3, Less, Sass, Native JavaScript, Web Services, jQuery, Node.js
- CMS: ETOM Framework, WordPress, WordPress Multisite, WordPress CLI, Roots Sage, Roots Bedrock, WooCommerce, BuddyPress, Gravity Forms, Wpmudev Plugins
- Desktop Software Development: Visual Basic, Visual C#, Delphi
- Other Languages: C, Objective C, C++, Perl, XML, Fortran, Actionscript 2, Actionscript 3, Bash Scripting.
- Docker, Docker Compose, Kubernetes
- Apache JMeter, Apache Tomcat, Apache Tika, Elasticsearch
- Design: Photoshop, Sketch, Flash
- Windows & Linux & MacOS Server/Client Management
- Growth Hacking
- Community Development & Management

Awards

- 2006, "Altin Orumcek", Best Gaming Website
- 2008, "Magical results with small budgets", "Marketing Awards"
- 2015, Upwork, Top WordPress Developer, 1st Place

Interests

- Sports: Football, Basketball, Olympic sports, Atletism, Motorsports and Cycling
- Science: Quantum Physics, Astronomy
- History
- Acting: Amateur Theatre Clubs, Filming Sketches & Short Movies, Stand-up.

References

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