



# TSVETAN TOPALOV

FULL-STACK WEB DEVELOPER

## ABOUT ME

Self-taught developer and designer with the tendency to be the so called one-man-army. Started programming at the age of 15 and doing freelance work for the past 9 years. Dozens of personal projects related to gaming & hosting industry with relations to big data, analytics, web developments and design.

Vastly interested in SaaS platforms, scaling and optimization with all the traits of the development life cycle.

As a decade long digital nomad I am looking for a launch in the office environment to contribute my set of skills, which is enormous as a range, but requires aiming to reach the required proficiency. Doing a quest to expand my knowledge with a company serious about making authentic and innovative technology.

What do you think? Can we work together?  
Contact me!

## INTERESTS



Sofia@Bulgaria  
xtenzive@gmail.com  
// cv3.info // tsvetan.me  
+359892602615

@tsvetowntopalov      

## PROFESSIONAL KNOWLEDGE



### DEVELOPMENT

Understanding of the development process, front-end and back-end



### DESIGN

Web & Logo prototyping and design, UI/UX, cutting templates



### DEPLOYMENT

Automatic & manual deployment and testing process



### SCALING

Horizontal & vertical scaling, load balancers and optimizing techniques



### MANAGEMENT

Automatic & manual deployment and testing process



### SAAS

Building SaaS platforms, models, tenancies and various structures

## TOOLSET

PHPSTORM WEBSTORM NOTEPAD++ SUBLIME ADOBE PHOTOSHOP  
ADOBE ILLUSTRATOR FTPZILLA XSHELL PUTTY CMDER BASH,  
XENCENTER HEIDISQL COMPASS

## DEVELOPMENT STACK

### Front-end Development

HTML5, CSS3, ES6, NodeJS, jQuery, jQuery-UI, Vue, Angular, React, Meteor, Ember, Polymer, extJS, Bootstrap, Foundation, Semantic-UI, Handlebars, Blade, Twig, Smarty, Sass, Less, FeathersJS

### Back-end Development

PHP/HHVM, NodeJS, Rest API, Laravel, Symfony, Codeigniter, CakePHP, Slim, NwJS, Electron, Babel, React, Vue, Meteor, LXC, Python, C#, Perl, Java, Ruby, Go,

### Databases

MySQL (Percona, MariaDB), MSSQL, MongoDB, SQLite, RethinkDB, Neo4j, Elasticsearch, Firebird, Memcached, Redis

### CMS

WordPress, Magento, WHMCS, Prestashop, Ghost, OctoberCMS, Joomla, Drupal, vBulletin, Drupal, Jekyll

### Automation & Packing

NPM, Yarn, Composer, Webpack, Gulp, Browserify, PhantomJS

### Testing

PHP Unit, Behat, Mocha

### Design

Photoshop, Illustrator

### Web Servers

Nginx, Apache, LiteSpeed, ExpressJS, Cowboy

### Operating Systems

Windows (Win Server), Linux (CentOS, Debian, Ubuntu)

### Virtualization

XenServer, Vagrant, LXD, VirtualBox, Google Cloud Platform, Docker

### APIs

Twitter, LXD, Facebook, Google+, Instagram, Braintree, Stripe, YouTube, Twilio, Google Maps, Github, WordPress, Google Drive, Cloudflare, Blockchain

### Communication

Telegram, Slack, Discord, Messenger, Skype

## EXPERIENCE

Over 10 years of Software Development  
**8 professional experience**

Over 300 completed projects in development, design and management of  
**web projects**

Dozens of personal, commercial projects, SaaS applications, commercial projects for  
**small & medium businesses**

# PROJECTS ›



## PROJECTS

### Selected personal projects

- col7.net** [1]  
Community web platform with over 30,000 users built on top of a reverse engineered CoDMW server
- cv3.info** [2]  
Personal blog
- xtreeme.info** [3]  
One of the first custom built torrent trackers with personal p2p client, user moderated hierarchy and over 2000 users
- aionx.net** [4]  
Private Aion gaming server, reverse engineered core and custom built web platform, home for over 10,000 users
- lan-servers.com** [5]  
Game servers and community platform with custom made modules, web based administration and multiple functionalities. Working as a hosting platform, at the moment
- aingemu.com** [6]  
Reverse engineered and built from the ground up the entire NCSoft's Aion server, community for one of the 2nd biggest open source projects about this topi
- gamebird-studios.com** [7]  
Freelance managed international collaboration project, worked nicely for 5 good years, with custom project management and task scheduling
- fps.bg** [8]  
Regional game servers community project, custom made systems, game server modules, user hierarchy and administration panels.
- themeland.host (old fronthemes.com)** [9]  
Work in progress, platform to sell web themes and components for various CMS'
- vibedeal.com** [10]  
Custom made dropshipping solution, built on top of Prestashop with various hand-made modules
- devstack.host** [11]  
Hosting platform for providing completely customizable LXD containers for users, developers and all kinds of businesses
- vskepres.bg** [12]  
Loan & accounting platform for managing a custom type of Bulgarian banking institution
- myghost.host** [13]  
SaaS platform for selling LXD based managed Ghost hosting solutions
- elo.bg** [14]  
Analytics subscription based platform for eSports, connected to tens of REST API endpoints

## COMMERCIAL

- **Envato author for 6 years**  
Wordpress themes, plugins, HTML Templates, Admin Templates, JS Plug-Ins, etc.
- **Contractor midterm projects**  
Created web projects, modules, themes, web sites, bug fixes, support
- **Open-source activities**  
Contributing to open-source projects, reporting issues, ideas, bug fixes
- **Volunteering**  
Helping developers in online communities, guiding and teaching students, helpful blog articles

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Building a subscription based web platform in 2008 on top of IPBoard, managing large gaming community, reverse engineered and built gaming server in C++ & lua scripting with a team of volunteer developers, created various scripts for performance & usage monitoring, administrating the entire operation

Personal blog first built using WordPress, after about 30 migrations ended up on Ghost blogging platform, self-hosted and managed using CentOS on XenServer virtualization

Web torrenting platform, customization, design, administration and management, using the casual PHP/MySQL, HTML/CSS/JS stack up to date in 2009. Working with a team, sharing responsibilities and volunteer hierarchy. C++ based torrent tracker server

Reverse engineered NCSoft's Aion with an open source team creating AIONX Engine in Java in 2011. Continued working on creating a private game server with a community, built a team around it. Working with several volunteering Bulgarian developers. Created web administration panel, custom designed widgets and artworks along with entire system in PHP/MySQL, started using jQuery and jQuery UI along with AJAX and CORS.

Ran with a team entire regional community, creating various game servers, administration panels, monitoring, tool sets, game server plug-ins (in Pawn / C++). Using platforms like phpBB, IPBoard, vBulletin, WoltLab. Subscriptions systems communicating with the game servers and the web. Custom flashing designs, patterns, animations with Flash. System administration experience, establishing corporate relationships with internet providers. Managing volunteer hierarchy.

Created and ran an open-source reverse engineering and development community along with 2 Bulgarian developers for Aion game servers, continuing the Java based emulation project from 2011 and getting it up to date in 2013. Ran a donation based non-profit community, built a platform on top of IPBoard with custom made design.

Ran a freelance international online studio for web development and design, working closely with several developers and designers. Operating in platforms like Freelancer.com, Upwork & Envato with online communications and pair programming. Created various projects for multiple CMS' like WordPress, OctoberCMS, Prestashop, Magento, etc. and frameworks like Laravel, Zend Framework, Codeigniter. Worked with the latest web technologies and practicing various software development methodologies.

Built and run another game servers Bulgarian community, managing development and internal operations. Created a new platform merging WordPress & phpBB, multiple administration and monitoring modules in PHP & Node. Worked on a desktop client with NwJS and C#. Created a subscriptions system using PHP, Pawn, Bash scripting and cron jobs using various payments APIs - SMS, Paypal and card. Ran the entire system administration of dedicated server and game servers with logging, monitoring, etc.

WordPress based platform for selling licenses for themes and modules for various CMS' (WordPress, OctoberCMS, etc.) with auto-updating features and REST API. Integrated modules for the CMS' to purchase inside the platform. Featuring payment API integrations - Paypal, credit cards (Braintree) and Bitcoin.

Simple Prestashop based platform with custom hand-made modules for easier drop-shipping & admin panel based design. Python based web wholeshipping products scrapper.

In progress of building a SaaS platform for running managed LXD containers, allowing the users to 'drop-n-drop' modules in the form of managed software package installations with web based configuration using the control panel. Building using Laravel and jQuery based scripts, communicating directly with the LXD Rest API.

Accounting and loans web platform for a 'loan society', tracking clients, loans, queues. Filtering and processing data from company's accounting's ancient platform. Multiple prototypes in Vanilla PHP, now with custom design, logo & cards branding. Social media integrations, currently rebuilding with Laravel & Vue, with custom DB model.

Managed Ghost hosting on top of LXD containers using the Google Cloud platform and custom built subscription system using Laravel, various REST APIs and custom control panels with VueJS, Vuex and dynamic routing. Simple design with Bulma with with multiple Vue integrated modules. Payments managed by Stripe.

Building a platform for eSports analytics for casual, pro players and teams. Gathering data from official APIs. Tracking eSports events by scrapping unofficial API endpoints. Built on top of Laravel with front-end of SemanticUI, VueJS, Vuex and more. Filled with server-rendered components, a Node based API server/client connected to single MySQL pool. Created multiple prototypes using NuxtJS, Meteor, OctoberCMS and more. Social integrations and integrating another platform's subscription model with virtual currency and web cryptocurrency mining.