



Vassilis Kritharakis

Developer

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Skills

- NodeJS
- Javascript / ES6
- Typescript
- Vue.JS
- React.JS
- Angular.JS
- MySQL
- MongoDB
- LevelDB
- jQuery
- Ajax
- API
- WebSockets
- P2P communications
- Cryptography
- Blockchain
- PHP
- Fat PHP Framework
- Qt
- Wordpress
- Opencart

I'm an enthusiastic developer with passion. My ability to learn fast new tools and adopt different tools for different problems makes me a good asset. The last couple years I'm working with cryptocurrencies and blockchain technologies.

I have good understanding and experience of full stack technologies, strong coding skills of languages for both front and back-end. good understanding of databases, APIs, git, bitbucket, MVC, WebSockets, etc.

Projects

Tournaments Manager

Visual Basic

- Sophisticate manager to match players on tournaments.
- Automated generates categories and pools for each tournament.
- Editable and printable visualization.

Ifestos Manager

Php, Fat Framework, jQuery, MySQL, JavaScript, Ajax, Java

- <http://ifestos.stonebird.gr/>
- Online application for clients and appliances management for workshops.
- Uses java applets and websocket for label printers compatibility.

Rumanian Burstcoin Pool Explorer

Php, Fat Framework, jQuery, MySQL, JavaScript, Ajax, API

- <https://pool.burstcoin.ro/>
- Explorer for Burstcoin cryptocurrency.
- The 1st fast explorer in history of Burstcoin. Achieved with MySQL caching, API requests optimization and data computation before user needs them.

Burstnation Explorer

Php, Fat Framework, jQuery, MySQL, JavaScript, Ajax, API

- <https://explore.burstcoin.ro/>
- Is the premium or next version of Rumanian explorer.
- Visualization of all peers in a globe.
- Enabled unused features of Burstcoin like Marketplace, Assets market, etc.

Burstcoin Wallet

Java, Raven, Websocket, API, Server

- Added Websocket implementation.
- Optimized API requests and MySQL for better performance.

CreepMiner GUI

Electron, Javascript

- A GUI for Burstcoin miner named CreepMiner (C++).
- Contribute to CreepMiner developer on browser GUI.

New Cryptocurrency

NodeJS, Javascript, Typescript, Electron, Vue.JS

- In my spare time I'm working on new DAG witness based cryptocurrency with genius code from scratch on nodeJS.
- Started as hobby, but now will introduce new features in crypto world, like 2FA and recoverable accounts without 3rd party services.
- Witness(main peers) horizontal scalability with cluster workers. I have extend workers not only per CPU cores/threads but per machines/servers.
- Custom shard of levelDB and connections to workers.

Travel4days.com

WordPress, Web Design, Logo Design

- <http://travel4days.com/>
- I loved this project. Hiking and traveling is my hobby and I'm in some articles too! :)

Various Projects

Various languages and frameworks

- Over the years I have done a lot of small projects and contributions in various languages and frameworks. Like Matlab simulations, yugi-uda antenna optimization, C# applications, websites(WordPress, angular, open-cart), Qt, and more.

Education

Technological Institute of Serres, Greece

Diploma: IT Engineer & Communications

My thesis was steganography implementation in p2p application built with Visual Basic.

I loved simulation of physical systems and deterministic methods on cellular infrastructures.