

Iosifa V.

Software Engineer

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Hey there I'm Iosif, a senior Backend Engineer with experience in creating complete projects from start to finish in Node.js and PHP. I write code as clean as possible so that the next dev will be happy to maintain it and the junior will quickly grasp it. Curious by nature, I'm always willing to learn new things, so these days I spend my evenings working with Solidity and Hardhat on creating Blockchain smart contracts.

SKILLS

Languages

Node.js Typescript PHP
Solidity bash

Frameworks

Laravel Express Serverless
Hardhat

Admin

AWS CI / CD Docker
Shell Scripting

WORK EXPERIENCE (9)

Cloud Based Compliance Management System.

- Worked on building the main API of the system. Contributed to all the adjacent applications which constituted the entire ecosystem deployed as serverless functions on AWS with Laravel Vapor. Involved in designing some parts of the ecosystem's architecture.
- Some notable projects were a full reporting application which would create a report from any SQL provided. A system to serve real time data faster to the end client; by saving all the processed relational data into a no-sql database thus providing instant access to the transformed client-friendly set of the data.
- Technologies: PHP 7, PHP 8, Laravel 8, Laravel 9, Vapor, AWS, VueJS, Node.js, Serverless Framework, CLI, Bash

Contractor for various clients on different projects & extra work on personal projects

- Created a complete invoicing application from design to production. This is reading data from XMLs deployed daily on external FTP servers, then joins and transforms them into beautifully organised information easy to interact with. Built with AWS Lambda functions in Node.js using the Serverless Framework and DynamoDB.
- Technologies: Serverless-Framework, Node.js, TypeScript, Laravel, VueJS, AWS, Lambda, EC2, S3, IAM, RDS, DynamoDB, API Gateway

Designing and developing our main AI Skin Analytics applications and keeping an eye on the AWS infrastructure.

- Biggest task was a migration from a no-sql database to a relational database which resulted in a 11x speed increase. All this was achieved with 100% transparency to the end user.
- Technologies: Node.js, Express.js, TypeScript, AWS, Loopback, pm2, Angular

Worked with various clients on Symfony or Laravel Projects.

- For each client I worked with, I was submitting pull requests in the first day.
- Biggest project was a complex tool-renting platform written in Laravel where I worked in a team of about 20 developers

- Technologies: Laravel 5.6, Symfony, PHP 7.1, MySQL, Git, PHPUnit

Designing, developing & supporting client applications.

- Developed & maintained nationwide educational platforms. Designed and integrated various APIs.
- We built a complete financial management application.
- Managed all our DigitalOcean droplets with a CI setup.
- Technologies: Laravel, DigitalOcean, Laravel Forge, PHP 5.6, PHP 7.1, RESTful APIs, MySQL, Git, CLI, VueJS, PHPUnit.

Marketing solutions for game developers.

- Created complete APIs from start to end as well as libraries which were used by my colleagues.
- Another smaller project was built with Java and PipelineDB.
- Technologies: PHP, Laravel, Symfony, API, MySQL, Git, Docker, CLI, PHPUnit, AngularJS, Java

Online adult dating services.

- Technologies: PHP, API, MySQL, CLI, Git, JS, jQuery.

Family business dealing with mining crypto-currencies.

- Worked on Business model, Hardware setup, Software & security optimization/tweaks/updates, Performance fine tuning, Trading generated assets.
- Learned a lot about managing a larger than usual number of computers and hardware components.
- Built an open-source watchdog mechanism for certain types of graphic cards (<https://github.com/iosifv/amd-vega-startup-scripts>).

Photography studio focusing mainly on weddings.

- Worked on Client handling, Marketing, Accounting, Management, Photographing, Retouching, Graphic design, Web-design.

PROJECTS (3)

Terminal ToolBelt

🔗 <https://github.com/iosifv/terminal-toolbelt>

- Open source collection of aliases and bash functions which I use.
- Organised in something which resembles a CLI Framework.

Silence

🔗 <https://github.com/iosifv/silence>

- Open source tool for safely backing up ssh keys in a git repository

iosifv.com

🔗 <https://github.com/iosifv/iosifv-copy>

- A copy of the repository of my website.
- Backend management system written in Laravel. Includes a photo gallery, quotes collection and a really cool json generated CV.

EDUCATION (2)

Masters Management and Business Engineering at Technical University of Cluj-Napoca

2010 - 2012

C++ Java .NET SQL Lisp Prolog Xilinx Assembly x86 processor Electronics Physics

LANGUAGES

English

Advanced



Romanian

Native speaker



Hungarian

Beginner



INTERESTS

Hobbies

Chess HiFi Music
Photography

REFERENCES

“ <https://www.linkedin.com/in/iosifv/> ”

Publicly available on LinkedIn