

# Iosif V.

## Software Engineer

London, UK

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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 Terraform CI / CD  
Docker Shell Scripting

### WORK EXPERIENCE (9)

Aug 2018 - Current

#### Software Engineer at Casa4

Contractor for various clients. Worked on diverse projects, specializing in PHP, Laravel, and Node.js. Involved both in team-based development and solo application building from design to deployment.

- ElectroRent: Collaborated on a team of 20 developers on a complex tool-renting platform written in Laravel.
- Aliat Optic: Designed and produced an invoicing app, integrating external FTP data via AWS Lambda and DynamoDB.
- The Hurlingham Club: Managed system migration to internal servers, resolving a wide range of dependancy and dev-ops issues.
- TicketTailor: Enhanced the API of a sophisticated PHP application with both bugfixes and new features.
- ↪ Technologies: Laravel, Node.js, AWS Lambda, MySQL, Terraform, AWS, VueJS, NuxtJS, CLI, Bash

Mar 2022 - Current

#### Information Technology Advisor at Artetra

Startup that works towards bringing NFT's into online virtual galleries.

- I translate the business requirements project features.
- Responsible with both the architecture and granular tasks. While managing a team of 3-4 developers I have provide them with any assistance when they need it.
- ↪ Technologies: Node.js, Hardhat, Solidity, AWS

Oct 2020 - Aug 2022

#### Software Engineer at True Compliance

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, Laravel Vapor, AWS, VueJS, Node.js, Serverless Framework, CLI, Bash

Oct 2018 - Oct 2019

**Software Engineer** at Skin Analytics

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

Feb 2017 - Jun 2018

**PHP Application Developer / Dev-Ops** at Woooba

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.

Nov 2015 - Nov 2016

**PHP Application Developer** at iQU Group

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

Oct 2014 - Nov 2015

**PHP Application Developer** at Project 89109

Online adult dating services.

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

Nov 2017 - Current

**Hardware Engineer / Dev-Ops** at Hidden Hash (Personal Venture)

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>).

May 2005 - Dec 2014

## **Professional Photographer** at Saya Studio (Personal Venture)

Photography studio focusing mainly on weddings.

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

## **PROJECTS (5)**

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### **CLI Path**

🔗 <https://iosifv.github.io/cli-path/>

- A simple CLI tool to search paths on google maps.
- The intent is to use to quickly get the grasp of your commute time.
- Built with the intent of using as many technologies as possible for learning purposes.
- ↪ Technologies: cli app, Serverless Framework, Monorepo, Auth0, OpenAPI, VHS

### **Casa4 website**

🔗 <https://casa4.co.uk/>

- An overengineered personal website.
- Built mostly for learning purposes.
- ↪ Technologies: Hugo, Terraform, Cloudfront, AWS, Github Actions

### **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)**

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2010 - 2012

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

General management theories

2004 - 2009

**Masters Computer Science** at Technical University of Cluj-Napoca

C++

Java

.NET

SQL

Lisp

Prolog

Xilinx

Assembly

x86 processor

Electronics

Physics

## **LANGUAGES**

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**English**

**Romanian**

**Hungarian**

Advanced



Native speaker



Beginner



## INTERESTS

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### Hobbies

Chess

HiFi Music

Photography

## REFERENCES

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

**Publicly available on LinkedIn**