

# Iosif V.

## Software Engineer

London, UK

<https://iosifv.com> [hire-me@iosifv.com](mailto:hire-me@iosifv.com) [+44.759.713.7739](tel:+447597137739)

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I am a Senior Software Engineer with extensive experience in developing end-to-end projects using Node.js and Laravel. I prioritise writing clean, maintainable code to ensure ease of maintenance and quick onboarding for junior developers. With a natural curiosity and a commitment to continuous learning, I am always exploring new technologies and methodologies to enhance my skills and contribute effectively to my team and stakeholders.

### SKILLS

#### Languages

Node.js Typescript PHP  
Solidity bash

#### Frameworks

Laravel Express Serverless  
Hardhat

#### Admin

AWS Terraform CI / CD  
Docker Shell Scripting

### Currently learning

Java NextJS T3 Stack

### WORK EXPERIENCE (4)

Aug 2018 - Current

#### Contractor Software Engineer at Casa4 (own LTD)

Provided contractor services through my own LTD, Casa4, in between other roles. The following is a list of the most notable projects, specializing in Laravel and Node.js. Involved both in team-based development and solo application building from design to deployment and maintenance.

- Artetra: As an acting CTO, I was responsible with converting business requirements into project features by overseeing the application architecture. I managed a team of 3-4 developers and provided them with necessary assistance.
- ElectroRent: Developed and maintained Laravel code to fix bugs and add new features for a tool-renting platform.
- Aliat Optic: Designed and developed an invoicing app, integrating external FTP data via AWS Lambda and DynamoDB. This application was successfully used in production for about 3 years with minimal maintenance, demonstrating reliability and efficiency.
- Hurlingham Club: Led the migration of systems to internal servers, resolving various DevOps issues.
- TicketTailor: Improved the API of a large ticketing application by fixing bugs and adding new features.
- ↪ Technologies: Laravel, Node.js, React, AWS Lambda, MySQL, Terraform, AWS, VueJS, NextJS, CLI, Bash

Oct 2020 - Aug 2022

#### Software Engineer at True Compliance

Contributed to the development of a cloud-based compliance management system, enhancing compliance tracking and reporting capabilities.

- Developed the main API of the system and contributed to designing the ecosystem's serverless architecture, leading to a robust and scalable solution.

- Created a reporting application that enabled non-technical stakeholders to preview any key metrics.
- Also built a bespoke real-time caching system that stores processed relational data in a NoSQL database. The purpose of this was to vastly increase the speed of the system and reduce the load on the database.
- ↪ Technologies: Laravel, Laravel Vapor, AWS, VueJS, Node.js, Serverless Framework, CLI, Bash

Oct 2018 - Oct 2019

#### **Software Engineer** at Skin Analytics

Designed and developed main applications and maintained AWS infrastructure, contributing to the company's mission of improving skin health.

- Led the migration from a NoSQL database to a relational database, resulting in an 11x speed increase without affecting the frontend or user experience.
- ↪ Technologies: Node.js, Express.js, TypeScript, AWS, Loopback, pm2, Angular

Feb 2017 - Jun 2018

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

Sole Backend Engineer responsible for designing, developing, and supporting client applications, driving business growth.

- Developed and maintained nationwide educational platforms, enhancing the learning experience for thousands of users.
- Built a comprehensive financial management application with Laravel and Vue.
- Managed all DigitalOcean droplets with a CI setup ensuring reliable and efficient deployment processes.
- ↪ Technologies: Laravel, DigitalOcean, Laravel Forge, MySQL, VueJS

### **PROJECTS (2)**

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#### **CLI Path**

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

- Simple CLI tool to search paths on google maps (Serverless Framework, Auth0, OpenAPI, VHS)

#### **Casa4 website**

🔗 <https://casa4.co.uk/>

- An overengineered personal website built for learning purposes (Hugo, Terraform, Cloudfront, AWS, GHA)

### **EDUCATION (2)**

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2010 - 2012

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

2004 - 2009

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

### **INTERESTS**

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#### **Hobbies**

Motorcycles Photography

Chess HiFi Audio Boxing