

Chris Lock

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I have been a developer for the last 20 years and am looking to use my skills to help build better digital products and strategies. My experience includes product management, organising technical roadmaps, providing changes in existing products and creating new products from scratch. My ideal employer uses tech for a good (humane) purpose.

In my spare time, I enjoy writing and creating stories, playing tabletop games and creating both scripted and improvised theatre. This CV is cut down for brevity for a full history go to <https://catharsisjelly.github.io>

CORE SKILLS

PHP (15+ years)	Javascript (8+ years)	Node (7+ years)
Typescript	Databases (10+ years)	Apache & NginX
JS Frameworks e.g Vue	TDD & BDD	OO programming & design
Accessibility	Docker	Documentation
Consultancy	Deployment	Technical teaching
Business Analysis	Dev Ops (Linux & AWS)	SOLID principles

PHP FRAMEWORK KNOWLEDGE

Symfony, Laravel, Yii, Zend Framework

WORK EXPERIENCE

PeoplePlus - Developer - Remote

May 2021 - February 2023

As the main core developer I have been focusing on providing back-end services to provide connections to external services like Auth0, Scorm Cloud & Stripe. I used Typescript via Azure Functions serverless technology to deliver a basic API that can be consumed by internal & external services. This includes a Vue 2 app (www.learningplus.co.uk) that I co-created with a front-end developer.

During the creation of this application and many other smaller bits of tools programming, I have been tutoring a less experienced developer. Working closely with them via Teams to tutor them in some of the more tricky parts of providing a reliable functional application. Other responsibilities include the automation of code and documentation to release from the Azure DevOps platform out to the UAT and production services.

Skills Used: Node (v16+), Javascript, Typescript, Unit testing, REST, SQL, MongoDB

NCC Group - Remote - Contract developer

Feb 2021 - Apr 2021

NCC have a platform that enables companies and bug bounty hunters to declare vulnerabilities with software. I'm not able to give too many more details on the platform was not at the time.

It's an API written using the Laravel framework that talks to a database and provides information to a front-end written in React. As NCC is a security company a great deal of work went into ensuring that the code had a significant amount of test coverage.

Skills Used: PHP (7.4), Laravel (6.x), Unit testing, Feature testing, REST, MySQL

Chargifi - Remote - Contract developer

Oct 2020 - Dec 2020

Chargifi brought me on to work on their new [desk management software](#). Due to the effects of COVID-19 Chargifi saw an opportunity to be able to provide a great interface to know how many people are in a building, and the state of any desk that contains a capable charging spot.

They wrote their own API which was then hooked into Angular (v10). The majority of the work that I did was building Angular components talking to the API. Most of this work was done by building reusable components and refactoring where necessary. There was also some work implementing some parts of the API and fixing some issues with it.

Skills Used: Angular, Typescript, PHP, Symfony 5, API Platform

Propel Finance - Newport - Contract developer

Feb 2020 - July 2020

I was tasked to work on the new version of their tool that creates the proposals for their customers using Laravel 5 at the time. My day-to-day tasks involved communicating with business analysts in order to understand the requirements and where necessary breaking down the tasks into smaller pieces to aid a more agile development before implementing them.

A larger piece of work that I have been assigned has been helping them integrate their current system with an external service that is used to perform compliance checks. This integration has been done using a queueable job so that the requests to the external API do not hold up the user experience.

Skills Used: PHP, Laravel 5 & 6, OOP, MySQL, Message Queues, TDD

Everyday Loans - Trowbridge - Contract developer

May 2018 - August 2019

Their internal tool was a large Symfony 2.3 application that I was helping them to try and break down and improve.

During my time I started instructing the dev team to begin to change some of the older code to improve the dependencies. The majority of the work was focused on changing some processes to use some standards within Everyday Loans. Additionally, I designed and implemented an OpenAPI microservice that could take payments for a loan. There was also a significant amount of work done on closing some security holes that were highlighted during a penetration test.

Skills Used: PHP, Symfony 2 & 4, OOP, MySQL, Message Queues, TDD

For older positions please see my online CV via <https://catharsisjelly.github.io>