

Chris Lock - Application Developer

Location: Bristol

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Salary Expectation: ~£48,000

I have been working as an internet programmer since 1999; I tend to focus on the engineering and implementation side of development. My ideal employer uses tech for a good (humane) purpose.

In the past, I have worked with a variety of teams from large to small and even managed a small team myself. I have worked very closely with clients and am quite meticulous at gathering requirements and then translating them into development tasks. This CV is cut down for brevity for a full history go to <https://catharsisjelly.github.io>

CORE SKILLS

PHP (15+ years)	Javascript (6+ years)	Node (5+ 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 - Current position - Remote

May 2021 - Present

Notice Period: 1 month

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.

I was tasked with helping to assess the best ways to deliver applications which included reviewing frameworks such as Vue (v3), React (v18) and Svelte (v1). These investigations include building static sites and dynamic sites and releasing the software on Cloudflare using their Pages and Workers.

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.

The Lighting API uses Angular (v10) and talks to Symfony (v5) running API Platform. The majority of the work that I did was on the Angular side of things which involved implementing the front end and 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 brought on to help finalise the work on the new version of their tool that creates the proposals for their customers. Their entire system was built using Laravel 5 with an upgrade to 6.x. 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 so that it did not always pull in the whole of the service container. The majority of the work was focused on changing George Banco to begin to use the tools that are already being used by Everyday Loans. Additionally, I designed and implemented an OpenAPI microservice that could take payments for a loan provided by Everyday Loans, Trust Two and George Banco. This had a full suite of unit tests and some Behat tests and used Bitbucket Pipelines. There has been 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

Careplanner - Bristol - Application developer

March 2018 - May 2018

During my time with Careplanner, I was tasked to design and build a Symfony 4 OpenAPI system with the eventual end goal in mind to allow the current system (written using Drupal 7) to start to use it.

The initial work was mostly setting a good base to work from with the other developers. This included integrating a full OAuth2 token system for connecting to the API and to be used by external clients. I decided to not continue after my probationary period because although the people were great, there was an atmosphere within the development team that raised concerns for me and my own mental health.

Skills Used: PHP, Symfony 4, Drupal 7, BDD, OOP, MySQL, TDD

Biff Bang Pow - Oxford - Application developer

November 2015 to January 2018

Biff Bang Pow builds anything from small websites to larger-scale customised applications. Applications are built using Symfony or Silverstripe with Vue components on the front end.

Biff Bang Pow also had a lot of legacy code from older clients that were slowly put under integration tests so as we rolled out newer components to a more up-to-date version of PHP we could ensure the functionality.

Skills Used: PHP, Symfony 2 & 3, Silverstripe, Vue, BDD, OOP, MySQL, NodeJS, TDD

Kainos - Bristol - Contract developer

May 2015 to September 2015

I was brought on to help finalise the digitisation of the MOT project for the DVSA. The work ranged from small bug fixes to new pieces of functionality with full tests. There was a fully functioning API talking to a front-end, all using the Zend Framework. I fulfilled code requests and advised on accessibility, and produced documentation and guidelines that were shared across the other teams. In my final few weeks, I was mentoring one of the newer developers into the system and teaching them more about unit testing, TDD and general good PHP practice.

Skills Used: PHP, ZF2, BDD, OOP, git, MySQL, TDD

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