

# CURRICULUM VITAE

## CAREER SUMMARY

Software Developer with over three years commercial experience developing and maintaining web applications using PHP (Laravel), JavaScript, Vue.js and MySQL within the telecoms industry. Experienced in building new features, maintaining internal APIs, integrating third-party services and collaborating directly with clients to deliver technical solutions. Passionate about writing clean, maintainable code and continually improving development practices while expanding technical expertise.

## PERSONAL DETAILS

**Name:** Richard Lawrence

**Location:** Bristol

**Mobile:** 07917 717979

**Email:** [richie.l.lawrence@gmail.com](mailto:richie.l.lawrence@gmail.com)

**Website:** <https://richlawrence.co.uk/>

**GitHub:** <https://github.com/Rich-Lawrence> (available on request)

## TECHNICAL SKILLS

- PHP
- Laravel
- JavaScript (ES6+)
- Vue.js
- MySQL
- SQL
- REST APIs
- Git
- Bitbucket
- Linux
- HTML5
- CSS3
- jQuery

## CAREER HISTORY:

**2022 – 2026 Layered Technologies**

**POSITION HELD:** Software Developer

### **Performance & Optimisation**

- Refactored a customer-facing lookup page by implementing DataTables, reducing page load times from an estimated ~30 seconds to 2-3 seconds, significantly improving user experience.
- Optimised database performance by implementing and reviewing SQL indexing across multiple tables, reducing query execution times by an estimated 50-70% and improving overall system responsiveness.
- Identified and removed redundant backend processes, improving application efficiency and reducing server processing overhead.

### **Automation & Efficiency**

- Developed automated server maintenance scripts to remove unnecessary files, eliminating repetitive manual cleanup tasks and saving the development team several hours of manual work per week.
- Refactored legacy code into modular, maintainable Laravel components, reducing complexity and decreasing time required for future feature development and bug fixes by improving code reusability.

## **Development & Delivery**

- Developed and maintained business-critical web applications using PHP (Laravel), JavaScript, Vue.js, and MySQL, delivering new features, enhancements, and bug fixes across core systems.
- Extended and maintained the company's internal REST API, designing and implementing new endpoints to support business requirements and system integrations.
- Integrated third-party APIs to automate data exchange between systems, reducing manual processing and improving workflow efficiency.

## **Stability & Support**

- Investigated and resolved production issues across multiple applications, improving system stability and reducing recurring incidents through root-cause analysis and targeted fixes.
- Monitored and maintained Linux servers to ensure application performance and stability, proactively identifying and resolving potential issues before they impacted users.
- Collaborated with developers through Git and Bitbucket, participating in peer code reviews and improving code quality, consistency, and maintainability across the team.
- Improved debugging efficiency by enhancing logging and error-handling practices, reducing average issue diagnosis time by approximately 20-30%.
- Designed and optimised MySQL queries and database structures using MySQL, improving data retrieval performance and reducing query execution times.

## **2017 – 2022 Audio Visual Direct**

### **POSITION HELD: Senior Audio-Visual Consultant**

- Developed clear and effective written proposals/quotations for current and prospective customers.
- Provided ongoing technical system support and advice to clients on projects.
- Gathered and translated client requirements into technical solutions.
- Sound engineering supervisor and training provider.

## **Pre-2017: Non-IT employment history available upon request**

## **EDUCATION:**

### **2012 – 2015 University of the West of England**

- BSc (Hons) Audio & Music Technology

### **2010 – 2012 Chippenham College**

- BTEC Level 3 Extended Diploma in Music Technology

### **2005 – 2007 Chippenham College**

- BTEC National Certificate in Electrical/Electronic Engineering

## **CODING TRAINEESHIP**

### **2021-2022 IT CAREER SWITCH LTD: Full Stack Coding Traineeship**

During the traineeship I had to demonstrate a very competent level of the following programming languages and technical skills

- Technologies: PHP, JavaScript, Vue.js, MySQL, HTML, CSS, Git, Node.js.
- Built a Gazetteer application consuming third-party APIs.
- Developed a Company Directory application using Laravel and MySQL.
- Microsoft 98-383: Introduction to Programming Using HTML and CSS.
- <https://docs.microsoft.com/en-us/learn/certifications/exams/98-383>