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**Gabriel Baker**  
Developer, Tech Ops

## OBJECTIVE

Secure a developer or a dev ops role in a dynamic, agile web development team.

Grow as a developer and person, learn from more experienced professionals and help with training those I can.

## STATEMENT

I am an open source software developer, specialising in PHP. I am currently working as a senior software developer for LabelWorx, a SaaS application for managing music labels and their releases to digital and physical mediums.

## DEVELOPMENT SKILLS

I have gained a lot of experience working in a variety of positions within a small start-up business also as part of a team in a couple of long established businesses. I started as a team member and have developed as a team lead, project head, & senior developer as well as doing solo project development. I have introduced and standardised the development processes and methodology in my current position including bringing legacy code up to modern standards, introducing MVC, distinct systems/microservices for handling different tasks efficiently and building Docker containers for running them in. I have also done extensive tech ops work concentrating on automating deployment and testing. In addition, I have unified, standardised and virtualised our development and server environments allowing rapid creation of server and development environments as well as updating existing environments with ease. I am currently building Slim API, a set of command line tools for generating API endpoints/MVC architecture on top of Slim using Symfony's console component.

## SKILLS

PHP

MVC Frameworks

MySQL

Slim PHP

Eloquent ORM

Git/Subversion

Vagrant/Puppet/Packer

I also have significant experience in/with Bootstrap, JQuery, AngularJS, Team Leading, Responsive Design, Sprint Planning, API integration, CSS, Systems Management and Grunt

## EDUCATION

**BSc Software Development**

**1<sup>st</sup> Class Degree with Honours**

Emphasis on multiple languages (Java, PHP, C++), multiple paradigms (functional, object orientated, declarative)

## EMPLOYMENT

### LabelWorx

SENIOR DEVELOPER

July 2017 - Present

I was hired by LabelWorx to bring their legacy music label management and release application, and the system it worked on, up to modern standards and conventions. I introduced the team to Docker to enable them to work on the new PHP 7.1 app whilst still being able to maintain their legacy 5.3 app. I introduced unit and acceptance testing for the new app so it could be rapidly developed and altered whilst guaranteeing the apps functionality.

### Dejumbled/Fusions PIM

SOFTWARE DEVELOPER / SYSTEM'S DEVELOPER

November 2013 - July 2017

Fusions hired me to help modernise several legacy web applications, I worked with the current developers to bring the applications up to a modern standard, using modern methods and technologies. During my time at Fusions we worked as a team to make huge advancements in our coding technology and development processes. Our improvements include:

1. Testing, I worked with the rest of the team to introduce both unit and acceptance testing into our legacy app, helping us to ensure stability and reduce the burden involved in refactoring
2. MVC frameworks, I took lead on an extensive and thoroughly tested project to switch from our legacy home brewed framework to using the Slim microframework
3. ORM, we switched away from a home built DB access layer to using Eloquent ORM, extensively testing and profiling the conversion to ensure minimum disruption to clients and maximum performance improvements
4. Composer, I ran a small project to move away from using SVN submodules and in-house written code and started working more with 3<sup>rd</sup> party libraries and composer
5. Microservices, I identified several systems that could easily be split out into their own sites/systems
6. Automated & continuous deployments, the deployment system has moved on from manually uploading via sftp through an in-house developed deployment platform to a fully automated continuous deployment system using deploybot
7. Developed several automated solutions to manual processes, I developed a centralised tool based around Symfony's console tool
8. Developed several solutions to improve our client's experience outside of our main project
9. Moved to a more structured development process to improve and streamline the way we communicate with and develop new solutions for our clients

We also introduced automated build scripts enabling us to update and rebuild our server infrastructure with minimal effort. With the departure of our main developer I also took on more responsibility within the development team, helping the new and junior developers wherever possible, and working more with our clients. I also write multiple bespoke applications to automate and simplify routine tasks, including a Rails application for updating the on-call support member and a Rails API/AngularJS deployment platform.

### GoMAD Technology

SOFTWARE DEVELOPER / TECH OPS DEVELOPER

August 2009 - November 2013

I was hired as a placement student as a junior web developer, I was quickly put in charge of the development servers, introducing the company to VCS (svn), ticketing systems (trac) and automated deployment (Jenkins). I continued working part time during my final year, whilst achieving a first class degree. I was employed post graduation as a web developer/systems admin as the company continued to grow. As a full tech ops department came into being I continued as a dev op, mostly doing development but also doing a fair bit of new tech op development, integrating and automating systems.