**Profile:**

Experienced **TECHNICAL DIRECTOR** with a wealth of technical and business skills honed in a career spanning   
15 years. Designed and architected business systems used by major brands including Honda, National Express, Subaru, Isuzu and Lotus.

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**Expertise:**

* 15 years of experience in developing Enterprise-level business solutions.
* Comprehensive knowledge of PHP, Ruby, Linux and many other associated systems.
* Full project life cycle: Requirement analysis, design, development, unit testing, deployment and maintenance.
* Developer on a series of open source projects including PHP frameworks and content management frameworks.
* Writing technical documentation and wide-ranging experience of leading highly technical projects that scale to millions of users and process transactions worth millions of pounds yearly.
* Experienced Open Source contributor, a lead developer on Bolt CMS and creator and maintainer of several popular projects including Phrocco, the documentation generator for PHP.

**Technical Skills in Brief:**

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| --- | --- | --- | --- | --- |
| **Programming** | **DevOps** | **Frontend** | **Database** | **Frameworks / CMS** |
| PHP  Ruby  NodeJS  C .NET | Linux Docker AWS CI / Jenkins Scalability High Availability | JavaScript JQuery EmberJS Backbone Gulp/Grunt HTML5/CSS3 Responsive | PostgreSQL MySQL SQLite RethinkDB MongoDB | Symfony Silex Laravel Drupal Zend Bolt Umbraco |

**In-depth Technical Skills:**

* PHP 5 up to latest version 7 (always current and fully OO).
* Full Linux system administration skills including experience in managing highly scalable deployments
* Wide ranging experience in Ruby and associated frameworks.
* Extensive e-Commerce experience integrations with Sagepay, Stripe, Worldpay and others.
* Many PHP frameworks including Symfony / Kohana / Silex / Zend / Laravel. Lead developer on PHP-Wax framework from 2005 -2010, hundreds of deployments on Symfony and Silex.
* SQL and NoSQL database experience including MySQL PostgreSQL, MongoDB, RethinkDB and many others along with experience in various ORM systems including Doctrine.
* Solid focus on quality including full experience of PHPUnit and Codeception for automated unit and functional testing. Jenkins, GitlabCI, Travis, Scrutinizer for continuous integration.
* Excellent frontend skills, using HTML/CSS3 and advanced JavaScript, experience in frameworks like Backbone and EmberJS
* Production of B2B and consumer Mobile Applications for iOS and Android.
* Experienced open source contributor.
* Highly experienced in CRM integration and enterprise analytics.
* Hundreds of CMS deployments on varied systems including Drupal, Bolt, Umbraco, Wordpress along with custom built solutions.

**Professional Skills:**

* Experienced department manager and director.
* History of communicating technical projects to all stakeholders.
* Successfully ran development teams maintaining good morale and high levels of productivity.

**Role Summary:**

* Technical Director (8 years)
* Development Manager (3 years)
* Developer (3 Years)

**Work Experience:**

**One Black Bear August 2007 – December 2015**

**Technical Director**

**Summary:** Came on board as Technical Director in the early days of the company and has overseen growth to become a £1 million+ turnover company. Managed large-scale projects for many well-known UK brands, overseeing the growth of the company from five people up to 17.

Assembled and managed a technical team with an excellent reputation within the industry and a track record of delivering long and often technologically complex projects.

Oversaw infrastructure growth from 2 to nearly 50 servers and developed scalable technology that has withstood large concurrent user numbers for major clients.

Some highlights include many large projects for National Express, from a ticketing system responsible for nearly £80m in annual sales through to managing server infrastructure that needs to respond to high spikes in demand during major events and bad weather in some cases scaling to 450,000 visitors in a day.

A recently completed project that went live in late 2015 was to provide more than 100 dealer website systems and accompanying applications for Honda UK. The system manages used vehicle inventory, lead management systems as well as providing a consumer facing, configurable, CMS controlled website for each dealer. Deployment stack was handled via instantly scalable Docker containers along with a monitoring system to handle automatic scaling.

**WAA January 2006 – August 2007**

**Development Manager**

**Summary:** Joined the company via a successful acquisition of my previous employer and was tasked with managing a large expansion of software development capability to service existing WAA clients who were looking to execute larger technical projects.

Was responsible for recruiting technical staff from junior up to senior level and ensuring that performance and profitability was maintained across the department, reporting into senior management.

Was technical lead on all new business presentations and liaised with major clients such as Habitat, B&Q, Swallow Hotels, Small Luxury Hotels, House of Fraser and Marketing Birmingham.

**WebXpress January 2005 – January 2006**

**Senior Developer**

**Summary:** Joined the company with a target of streamlining and improving the company’s outdated development process.

Was also responsible for training the rest of the development team in adopting version control systems and test-driven development.

Was technical lead on a major ecommerce project for Swallow Hotels, which processed £5.2million of transactions in the first year and worked on a range of other projects for the NEC group, Birmingham Airport and the RICS.

**Red Square / Pictoreal March 2002 – January 2005**

**Developer**

**Summary:** The company was an offline marketing / advertising agency that was looking to offer some online capability to their client base which included Dolphin Bathrooms and Sharps Kitchens.

The company also ran a photographic agency that digitised photographs and supplied to a company producing stock photography libraries. After a detailed planning phase, I managed a project to also allow the sale of individual images online.

The system eventually became an online repository of more than 100,000 photos and in early 2004 I moved to become full-time product manager for the system.

**Personal & Interests**

I am a professional and experienced manager with many years’ experience of communicating and selling the benefits of technology and software to non-technical audiences.

I’m a keen amateur runner and lover of traditional ales, and optimistically hope that the two hobbies cancel each other out.