

# OLIVER SMITH

Rotherham, South Yorkshire, UK

I'm Oliver Smith, a passionate engineer based near Sheffield, South Yorkshire. I have a broad range of skills and experience in software development, system administration and devops including as a team lead - I'm enthusiastic, personable and like to be close to users and technology to solve real world problems.

## EXPERIENCE

**Technical Lead** - WRM Media, Wakefield  
*Nov 2014 - Present*

Responsible for software development, maintenance and support of all IT systems including multiple software and infrastructure projects in a busy email marketing and lead generation business.

- Rebuilt and optimised services for distributing leads to external clients using Symfony components and RabbitMQ allowing increased throughput / revenue.
- Developed new and existing web applications in Laravel and Yii based web applications.
- Implemented HA MySQL using Percona Cluster and HAProxy to improve robustness and ability to scale.
- Improved monitoring by adding Graphite and Zabbix to give insight into application performance for debugging and future development.
- Implemented Ansible and Jenkins to manage the configuration of servers / LXC containers and deploy application.
- Migrated legacy systems to an LXC based container environment to give increased security and flexibility in deployment and migration.
- Deployed OpenVPN to provide access to a private cloud incorporating physical and virtual servers across multiple locations.
- Defined and promoted processes for software development, QA and code review using JIRA, Bitbucket and Jenkins.

**Software / IT Lead** - Marvelpress, Sheffield  
*Feb 2010 - Nov 2014*

Responsible for all IT systems in a matured print startup (20-30 people) including software development, infrastructure and office IT.

- Developed a suite of LAMP based order management tools and APIs which processed over 300,000 print orders annually.
- Implemented automated test and deployment processes.
- Built and lead a small IT / Software team from the ground up (I was the first technical hire).
- Specified and implemented a £250k server / network rebuild to increase order processing capacity by 10x.

## SKILLS

### BACKEND DEVELOPMENT

**Languages / Frameworks:** PHP, Laravel, Silex / Symfony2 (components), Codeigniter, Yii, PHPUnit, PHPSpec

**Exposure (can hack something together / fix bugs in):** Bash, C#, Python, Java, Perl, C/C++, Powershell, Node.js

**DB / Messaging:** SQL, MySQL, SQL Server, Redis, RabbitMQ

### FRONTEND DEVELOPMENT

**Languages / Frameworks:** HTML5, CSS3, Javascript, jQuery

### SYSADMIN / NETWORKING

**OS:** Linux / Unix (LAMP), Windows Server 2008+

**Networking:** TCP / IP networking configuration, DNS, OpenVPN, RIPE NCC Tools

**Monitoring:** Zabbix, Opsview / Nagios, ELK, Graphite, New Relic

**Deployment / Configuration Management:** Ansible, Jenkins, Phing, PHP QA Tools, Composer

**Cloud:** LXC Containers, AWS

## EDUCATION

**MSc. Computing** Northumbria University  
*Jan 2008 - June 2009*

**BSc. hons. Chemistry** University of Durham  
*Sept 2004 - Jun 2007*

**A levels** Chemistry, Physics, Maths, AS Biology, AS Design

## INTERESTS

### TECHNICAL

Devops, Home Automation, IOT

### OTHER

- Cooking
- Travelling to unusual places