**Name:** Garra Peters

**Phone:** 0753 806 5572

**Email:** garr@garrcreations.com

**PERSONAL STATEMENT**

I am a passionate experienced Developer and DevOps engineer eager to pursue my career and expand my knowledge of this rapidly changing field. I have been working with object oriented software development since the late 90's. In recent years I’ve managed small teams, both locally and remotely. And have regularly administered both Linux and Windows based servers.

I frequently run my own experimental projects, to try out new things and keep pace with technologies and trends, such as IoT, home automation, blockchain, streaming media and machine learning.

**KEY SKILLS**

PHP, Python, GoLang (Go), Node.JS, Coldfusion, Apache, Nginx, Linux, HTML5, JavaScript, Jquery, Angular.JS, react.js, PhantomJS, CSS, SASS, MySQL, PostgreSQL, SQL Server, Git, SVN, Docker, Kubernetes, VNC, PCoIP, Deadline, RabbitMQ, Celery, ELK, MongoDB, Redis, Jenkins, Portus, AWS, GCP, Helm, Laravel, Symfony 2&3, Elasticsearch, AWS, Vagrant, Chef, Django, Magento, Wordpress, Concrete5, Zend, Yii, CodeIgniter, AWS, Chef, Vagrant, Hadoop, Jenkins, Ansible, Puppet, REST and SOAP API’s.

**CERTIFICATIONS:**

* CompTIA A+ Certification.
* Cisco CCENT Certification
* OSCP
* CEH certified

**EDUCATION**

* BA – Philosophy & ancient languages

Open University

* Diploma in Design & Innovation

Open University

* A-Level *Computing* (B), *Physics* (B), *Design & Technology* (B)

Hugh Christie Technology college

**EMPLOYMENT**

**DevOps Engineer**

**Evrythng| London**

*September 2019 - November 2019*

I worked with Evrything to build a reusable Terraform based infrastructure on AWS, that could be rapidly configured for use as a production environment, as well as ephemeral environments for development and testing. This included configurable modules to deploy EC2 and Fargate based services, as well as high availability REST APIs.

Technologies utilised: Docker, Terraform, AWS, EC2, Fargate, ECS, ECR, Kinesis, API Gateway, Lambda.

**DevOps Engineer**

**Beryl | London**

*July 2019 - September 2019*

I was brought into help update and improve the existing DevOps tools the company had in place. Including automation improvements to the CI pipeline and the ability to rapidly iterate the kubernetes configurations across all the active environments, while also increasing security and guarding against potential data leaks.

Technologies utilised: Docker, Docker-compose, Kubernetes, Helm, Terraform, Python, GCP, GKE

**Senior Developer**

**ObjectTech | London**

*March 2019 - July 2019*

At ObjectTech I worked with various technologies to help research and build a secure digital identity management platform and biometric authentication system, that could be used with a wide range of platforms and hardware.

Technologies utilised: Python, GoLang, Postgres, NodeJS, Docker, TahoeLAFS, Blockchain, Tensorflow

**Senior Python Developer**

**Beyond | London**

*January 2019 - February 2019*

I was brought on to help with some feature development on a CMS project for Google.

Technologies utilised: Python, Django, Wagtail, MySQL, javascript, react, Docker, Google App Engine.

**Lead Python Developer and DevOps engineer / DevOps engineer**

**Bodytrak | London**

*February 2018 - December 2018*

I was contracted to build the Python based backend for the company’s health monitoring wearable tech product. I worked with the Django framework on the Azure cloud platform to create a system that could receive, process, store, and distribute large amounts of data from live biometric streams from multiple users. I was responsible for liaising with the team at Azure and selecting appropriate cloud systems for the project. Based on that I built a dynamically scaling system that could handle variable workloads as needed. I also worked closely with the team developing the wearable hardware, top be sure the servers could provide all everything they needed. As well as building a full REST API to allow clients to integrate with their own systems.

Technologies utilised: Python, Django, PostgreSQL, javascript, Ansible, Docker, Kubernetes, Azure, EventsHub.

**Python Developer / DevOps engineer**

**Quru | London**

*January 2018*

I was brought on to assist the in-house team with the migration of their clients auction house system to a new set of hardware. I also put together full documentation of the system to maintain in-house knowledge and built systems to simplify the onboarding of new team members in the future.

Technologies utilised: Python, Django, PostgreSQL, javascript, react, Ansible, Docker, Kubernetes, Ansible, RabbitMQ, Fabric.

**Python Developer / DevOps engineer**

***Hive / Marakon | London & New York***

*October 2017 – December 2017*

I worked with a small team to build an MVP for an international financial client. I was responsible for building the Python backend, translating the client's existing algorithms into SciPy optimization functions, and implementing development and deployment pipelines for continuous integration.

Technologies utilised: Python, Ansible, Django, DjangoREST, PostgreSQL, javascript, react, Docker, Kubernetes, Bitbucket Pipelines, AWS Elastic beanstalk, EC2, Codeship.

**Full Stack Software Developer**

***NHS Digital | London.***

*April 2017 – September 2017*

I worked with the digital transformation team to migrate the older ‘NHS Choices’ website to a more modern CMS and infrastructure. I also worked on standardising the data so it could more easily be used toth with a custom API to allow 3rd parties access and syndicate the content. I utilised the Azure platform, in conjunction with Docker, for creating CI pipelines and dynamic environments for testing and production.

The main technologies i worked with while at NHS digital were Python, Django, Wagtail CMS, Angular 2, javascript, Node.js, Docker, Ansible, Kubernetes, Rancher, GoLang, PHP, and Salesforce.

**Full Stack Software Developer**

***Cancer Research UK | London.***

*February 2017 – April 2017*

I assisted with building microservice APIs, for a user content hub that would allow users to manage their direct debit donations and produce reports for securely interfacing with the existing back-office systems.

Technologies used: PHP, Symfony, javascript, react, Node.js, Gulp, Vagrant, AWS,

**Software Developer**

***The Foundry | London.***

*October 2016 – December 2016*

I worked on development of various systems for a high-profile cloud based VFX studio pipeline, using a wide range of technologies to deliver a suite of industry leading software running entirely, on demand, in the cloud. Technologies used: Docker, Ansible, Kubernetes, RabbitMQ, ELK, MongoDB, Jenkins, AWS, Google cloud storage, Google cloud compute, javascript, NodeJs, Python, GoLang.

**Software Developer / Tech Lead / DevOps Engineer**

***Hearst Publishing | London.***

*January 2016 – October 2016*

I was brought in to help with the migration of the ‘Runner's World’ magazine site, to a new system built in Golang and NodeJs with a PHP web front. I worked extensively on developing an events management system that utilised the Eventbrite API user authentication, ticket check-out and automated syndication of the event across both systems. I oversaw and worked on the migration of the existing user-base and content to a more scalable platform that used virtualization on cloud servers for easy of deployment, increased stability, and scalability. As lead developer on the project I worked closely with the stakeholders and third party clients as well as managing a small team of front & back end developers, to ensure the project’s deliverables were properly scoped and met.

**Tech lead / Acting-CTO / DevOps Engineer**

***Hiveworks | London.***

*July2015 – November 2015*

Was hired to lead a small team on several multi-lingual projects and to take on the CTO’s duties while he was on annual leave. While there I worked with the in-house development team to deliver multilingual marketing sites and internal corporate web-tools for Orange Digital; With a focus on multi-lingual functionality and legacy browser support. I was also closely involved with providing technical knowledge for the bidding, early planning & prototyping stages of several big-data data-visualisation and Magento based ecommerce projects. For the majority of my time with Hiveworks I was responsible for much of the DevOps tasks, while an in-house team was being hired; this involved extensive work with AWS administration, utilising Chef with Vagrant and Docker to produce portable system environments for development and deployment. I also worked on automating testing and deployment of code from GIT

Repositories.

**Senior Developer**

***Homemade Digital | London.***

*April 2015 – July 2015*

Worked on high-profile campaigns for charity sector end-clients (Save the Children’s Christmas Jumper Day and Breast Cancer Now’s Wear it Pink campaigns); Using Golang, Postgres and MongoDB to build high traffic, OWASP compliant, donation systems. As well as maintaining and updating existing Drupal & Magento projects and assisting with the frontend team as needed. I was responsible for the set-up and configuration PostgreSQL server clusters in AWS environments and worked on developing automated deployment processes, using ansible and Puppet, that would compile, test and report on applications as they were rolled out to each environment.

**Senior Developer**

***Sparkloop | London.***

*February 2015 – April 2015*

**Duties Included:**

* Worked primarily on an internal project management and training tools for Red Bull.
* While with Sparkloop I worked extensively with the following languages, frameworks and systems: PHP, Laravel 4&5, GIT, LAMP, Vagrant and extensive work building and integrating REST and SOAP API’s.
* Maintained and updated Magento and Drupal legacy projects.

**Senior Developer**

***Engine Group | London.***

*October 2014 – Febuary 2015*

**Duties Included:**

* Development sprint work on several projects for high-profile clients, that Included News International/UK and YHA.
* While at Engine Group I worked extensively with the following languages, frameworks and systems: PHP, Python, Drupal 6 & 7, Magento, Wordpress VIP, Laravel, MySQL, AWS, Anthill Pro, LAMP, GRUNT, GIT & SVN, PostgreSQL, Angular JS, jQuery and CSS3.

**Senior Developer**

***Zero Carbon Future | London.***

*May 2014 – October 2014*

**Duties Included:**

* Administering the company’s GIT repositories and servers
* Worked extensively with HTML5, CSS3, javascript, jQuery, PHP based MVC frameworks (mainly Yii & Zend), while maintaining smaller projects based on Drupal 7 and codeigniter and all working on full LAMP stack technologies.
* Developed several python based server maintenance apps.
* Worked with AWS servers to deployment and delivery of project updates.
* Refactoring of the web-based tool used by their engineers and sales teams in the field.
* Maintained the Magento based legacy systems.
* worked with PostgreSQL and C# on several project prototypes.

**Open-source Developer**

***Last Exit | London.***

*June 2013 – May 2014*

**Duties Included:**

* Administering the company’s GIT repositories and servers
* I was responsible for building and maintaining all the agency’s projects and servers that were based on open-source based technologies.
* I have worked extensively on projects for The History Channel, The Official Charts Company, and Estee Lauder’s online stores as well as internal company sites and tools.
* I regularly worked closely with the frontend team to deliver projects for McArthurGlen international and UK based sites.
* Worked extensively with HTML5, CSS3, javascript, jQuery, C#, PostgreSQL, PHP, Laravel and all other LAMP stack technologies.
* Worked with AWS servers to deployment and delivery of projects.
* Maintained and updated several in-house magento projects.

**Senior Server-side Developer**

***Tag Worldwide | London.***

*July 2012 – June 2013*

**Duties Included:**

* Working on a variety of projects for several big name brands, ranging in nature from simple facebook apps to e commerce site and complex multi-lingual, multi-domain sites.
* Primarily building sites on the Drupal platform as well as regular maintenance and development of Codeigniter, Magento and Zend based projects.
* Built scalable high-traffic cloud-based Python apps for several client’s marketing campaigns.
* Working closely with the front-end and design teams to produce responsive HTML5 sites, which comply to web standards and are as highly mobile device compatible as we can make them.
* Worked with AWS servers to deployment and delivery of projects.
* Worked extensively with HTML5, CSS3, javascript, jQuery, C# Laravel , PHP and other LAMP stack technologies as well as Python and Ruby-on-rails.

**Senior/lead Developer**

***LettingSearch.co.uk | Rochester.***

*January 2012 – July 2012*

**Duties Included:**

* Proposed, directed and implemented Social media integration into the main search site.
* Working primarily in OO PHP and Jquery which some server-side scripting done in Python.
* Worked extensively on optimising LAMP based server solutions to improve the site’s performance.
* Oversaw and implemented a full server migration to a new hardware configuration.
* Completely re-worked the site’s search function to run queries faster and return more relevant results to the user.
* Restructured the site statistic logging to ensure appropriate client invoicing.
* Advised on and implemented an SEO plan to dramatically boost the sites page-rank and drive traffic to the appropriate content.
* Was responsible for all new front end changes and modification which involve daily use of XHTML, CSS, jquery and a variety of over javascript libraries and APIs.
* Administered the company servers and oversaw the migration of the company’s sites to a new server configuration.
* Set-up, managed and maintained large data feeds from clients in an array of file formats.
* Utilised Agile and Scrum development methods.
* Worked extensively with HTML5, CSS3, javascript, jQuery, PHP and all other LAMP stack technologies.

**Senior/lead Developer**

***Softwind Studio | London.***

*October 2011 – January 2012*

**Duties Included:**

* Developing Facebook applications for the BBC and several smaller clients.
* Utilised Agile and Scrum development methods.
* Working extensively with the Facebook API in PHP and JQuery, as well other front end technologies including HTML5 and CSS3, to create user friendly experiences and implement a variety of user tracking and data gathering techniques.
* Advising on the technological development of the company. Including the development and implementation of a video streaming service capable of efficiently serving content to high-traffic sites.
* Set-up can management of the new company servers in a LAMP environment with GitHub repository integration.
* Remote management of an outsourced development team in Bulgaria.
* Advising the design department on implementation of deliverables.
* Worked on several prototypes based in C#
* Worked extensively with the Zend php framework, Magento and Concrete5 CMS as well as building smaller web-apps in python on the Google app engine.

**Web Developer**

***TBG Digital | London.***

*July 2011 – October 2011*

**Duties Included:**

* Developing Facebook applications for clients such as Dettol, Energizer, Vodafone, Heineken and several other high-profile brands, frequently to tight deadlines.
* Working extensively with the Facebook API in PHP and JQuery to create user friendly experiences and implement a variety of user tracking and data gathering techniques.
* Rapidly building highly compatible web applications that can handle high traffic in the event the app would go viral.
* Communicating concept and assisting others from differing disciplines to create workable solutions.
* Worked with a variety of php frameworks including Zend and CodeIgniter.
* Maintained and updated several Django based python projects as well as several magento builds.
* Worked extensively with HTML5, CSS3, javascript, jQuery, PHP and all other LAMP stack technologies.

**Web Developer**

***Martech Social | London.***

*September 2010 – July 2011*

**Duties Included:**

* Extensive development of social networking and marketing web applications. Using Coldfusion, CSS, XHTML/XML Javascript, Jquery and SQL Server on a daily basis.
* I developed from scratch an email marketing and data capture application currently in use by RedBull UK and other clients.
* Responsible for the full life cycle of several projects.
* Worked closely with the company’s technical director to develop new aspects of the company’s social networking platform with an eye for easy expansion at the request of the clients.

**Web Developer / Tester**

***MSO.net | Dartford.***

*January 2010 – September 2010*

**Duties Included:**

* Working with a range of clients from the Travel, Motor Sports and Pharmaceutical industries to developing sites in Coldfusion 8 &9, Javascript, CSS, HTML, ColdFusion, MySQL and MS SQL Server 2008. Implementing changes and debugging client’s sites. As well as providing support for clients as problem arise. Working in Javascript, CSS, HTML, PHP, ColdFusion and SQL. Writing documentation for newly new developed site features and tailored or updated aspects of the company’s CMS.