**PROFILE**

**ANGEL VARGAS**

software engineer

Contact information:

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Passionate computer engineer professional with broad software development, IT infrastructure and DevOps skills, able to define, analyse and develop technical solutions which can support different project objectives using cutting-edge infrastructure and software development tools.

12 years background experience related to computer sciences in different disciplines/fields, developing software solutions in fast-paced environments with a diverse set of technologies.

**STRENGTHS AND ABILITIES:**

* *Eager to learn.*
* *Multi-tasking*
* *Pragmatic while converting problems in software solutions.*
* *Teamwork*
* *Self-management*
* *Patience and committed.*

**PROFESSIONAL EXPERIENCE:**

**Lead DevOps Engineer - StatCounter Ltd.**

**Dublin, Ireland**

05/2018 to – present

**Main duties:** Report directly to the CEO. Introduce DevOps practices and culture in the team.Introduced new technologies (hardware, networking tech, software and backing services) to our datacentres.Create core infrastructure solutions which can improve the applications scaling. Responsible of create and maintain alarming systems. Responsible of managing and provisioning our own infrastructure (legacy and private cloud). Develop automation solutions to accelerate our development cycle. Design and promote technical solutions to improve security. Responsible of managing and provisioning any cloud workload (private and public clouds). Software engineering and development.

**Achievements:** Introduces new monitoring systems, introduced new infrastructure management tools, introduced new OpenStack deployment (Canonical distribution). Introduced tools to make server provisioning easy as deploy an instance. Introduced technologies which make easier deploy Kubernetes and Percona clusters. Introduced new processes to migrate our old database infrastructure to a new deployed OpenStack. Introduced and deployed an all new hyper-converged, and very dense multi-region infrastructure. Introduced and deployed new networking protocols and technology in the data-centre.

**Tech involved/ skills required:** PHP, AWS, OpenStack, MAAS, Arista, BGP, Networking dynamic routing protocols, Linux management, Kernel customization-tuning, bash scripting, RabbitMQ, Percona Cluster (MySQL), Nova, Keystone, Ceph cluster management, Swift cluster, Neutron SDN, Cloud security, firewalls, NodeJS, PHPUnit, JavaScript, Python, Terraform, Prometheus, Grafana, Puppet, Ansible, Vault, encryption-at-rest, Docker, MAAS, JuJu, LXC, LXD, Git, Subversion, Jenkins and Linux.

**Web Applications Engineer - StatCounter Ltd.**

**Dublin, Ireland**

08/2015 to – 04/2018

**Main duties:** Full-stack developer with some of system/database administration. Participate in architecture and applications design to improve user’s experience and get more efficient services to deliver a faster Web application. Apply incremental and continuous improvement to the software stack. Follow customers feedback and try to convert their user experience in new opportunities to improve the application. Promote new techniques and solutions to improve the team efficiency. Comply with and help to improve software engineering, architectural and coding standards.

**Achievements:** Introduce new development techniques and standards. Create few tools to let us to migrate huge MySQL tables across multiple servers without interrupt or slow down our production environment. Create a group of tools to re-dimension and migrate our data to and from AWS Redshift cluster. Developed a toolset for archiving our inactive accounts to a cold storage and the automate recovery process. Developed new modules added to the App such: Bounce Rate and Funnel Analysis. Major part of the new App and Web Site redesign implementation. Developed few tools to help the growth and onboarding process of our customers. Improve our App based on customer feedback.

**Tech involved:** PHP, AWS, Redshift, MariaDB (MySQL), Laravel, NodeJS, PHPUnit, JavaScript, Python, Angular.JS, Codeception, Docker, MAAS, JuJu, LXC, LXD, Git, Subversion, Jenkins and Linux.

**Team lead / Senior Software engineer. - Silooette Ltd.**

06/2014 to – 08/2015:

**Dublin, Ireland**

**Main duties:** Platform Architecture design, implementation, test and deployment to production, worked mostly as a full-stack developer, responsible of software design, software testing strategies, managing Cloud operations and cost optimization. Cloud Engineering (AWS).

**Achievements:** Developed and deployed a full-scalable, extensible and fast Web App stack from the scratch. Developed a Fast API ready for large and demanding datasets. Integrate different AWS’s products. Implement an agile development environment. Accomplish 94% of our targets on time. ~800 hours training given to our team (Laravel, Angular.JS and AWS).

**Tech involved:** PHP, Angular.JS, Codeception, Laravel, MySQL, Node.JS, AWS, Ansible, Terraform, Git, Jenkins.

**Co-founder / Software Engineer. - Redfocal C.A.**

07/2012 - 12/2013

**Venezuela**

**Achievements:** build a healthy company**.** Design and deploy an IT environment including a CRM tool.Increase commercial market penetration and improve service delivery processes, improve the customer relationship, increase profitability and our shareholder value.Developed and implemented Software for client services (Web Application) which expanded small-to-medium client base about 600% in one year.

**Tech involved:** Java**,** Python and PHP, MySQL, JavaScript, NodeJS, AWS.

Other positions:

**Mercao – Venezuela / Argentina**

**Cofounder / Data architect.**

**Achievements:** Information under request or please visit my LinkedIn account for more details. (see at the top)

**OTHER PROJECTS AND ACHIEVEMENTS:**

* *Canonical OpenStack dev community member, actively interacting with Octavia, Nova and Ceph-radosgw projects.*
* *Web Summit 2014, Startup pitch prize 2nd finalist with SilOOette.*
* *IDEAS Foundation 2012, Startup finalist. (Start-up recognition award).*
* *Startup Weekend Caracas 2012, startup mentor (honorable mention).*
* *WayraWeek 2011, Startup honor mentoring (Award).*
* *Requiem Media, C.A., Market trends – Machine Learning application- (project).*
* *UJAP 2008, “ - NVIDIA CUDA” (paper).*

**EDUCATION:**

* *Bachelor Computer Engineer 2002-2008 – UJAP (5 years career +1 years intern/thesis).*
* *Non-degree Diplomas: GCP for AWS Professionals (2018), IBM Blockchain Foundation for Developers (2018), Google Cloud Platform for Developers (2017), Cloud School AWS (2017), Google Developer Challenge Scholarship (2018), Web Intelligence and Big Data (2013), Algorithms I & II (2014), Startup engineering (2013).*

**PROFESSIONAL SKILLS:**

* *Software developer, that’s my background.*
* *Ability on business and computers technology (software, hardware and networking).*
* *Database knowledge including MySQL, Apache Cassandra, MongoDB, and MS SQL.*
* *Software development proficiency: PHP: (Laravel, Symphony), PHPUnit, Codeception, Behat, Python, JavaScript (including VueJS and Angular.JS), Java, multiple Web stacks infrastructures, NodeJS.*
* *Docker containerization, Kubernetes and LXD clusters.*
* *KVM, Libvirt, QEMU.*
* *Software defined networks: Neutron and OpenVswitch, DPDK hands-on too.*
* *Vagrant.*
* *Git or Subversion.*
* *Jenkins.*
* *DevOps and SysAdmin skills,*
* *on-premise and cloud infrastructure skills, covering knowledge such: networking, cooling technologies, optimal data-centre operations, power management and security.*
* *Data-centre deployment and system management, full understanding about how to administrate resources in it.*
* *Ansible, JuJu and Terraform.*
* *Cloud Management: OpenStack, AWS, Microsoft Azure and GCP knowledge. (Hybrid clouds administration)*
* *Native Spanish and fluent English.*
* *Linux system administration RHEL/CentOS and Ubuntu.*

**PERSONAL BEHAVIOURAL SKILLS:**

*Team player with good communications skills.*

* *Good stress management.*
* *Self-learner.*
* *Perseverant and motivated.*
* *Detail orientated.*
* *High ability to help to and solve any problem (not only about software, I mean any… alw ays trying to help)*
* *Planning and organizing.*

**HOBBIES AND LIKES:**

* *Photography (portrait and photojournalism).*
* *Films, music, theater, documentaries.*
* *Endurance races, Formula 1, WRC and car techies, such Autonomous driving and computer vision.*
* *Read tech Books. Checkout everyday IBM DevelopersWork, StatckOverflow, Launchpad! Medium!, The verge and others.*
* *Take over Linux Academy courses or any other courses, because I like to know things, I like to learn.*
* *Make experiments with my own tiny private cloud or side projects, teach something, help someone with technical problems.*
* *Travel to new places.*

**REFERENCES:**

*Peter Kehoe*

*Lead Software Engineer -StatCounter*

*peter@statcounter.com*

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Full-stack developer – Ikydz

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