Dimitrios Zilaskos  
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**Personal statement**

A highly experienced and competent Systems Administrator working over 21 years on ever evolving technologies and systems. Passionate for technology that solves large scale problems. Able to remain focused even under pressure on rational, methodical problem solving, prioritising and distributing work with the wider team as needed.

**Core skills**

* Extensive experience with Enterprise and Desktop Linux Systems administration (Redhat, SUSE, CentOS, Scientific Linux, Ubuntu, Debian, Amazon Linux)
* Cloud computing (AWS, IBM Cloud, Microsoft Azure, Rackspace)
* DevOps/Collaboration (Ansible, Quattor, puppet, chef, trac, wiki, git, gitlab, Github, terraform, Cloudformation, cloud APIs)
* Batch systems/grid/High Performance Computing and parallel file systems (LSF standalone and multicluster, Symphony, GPFS, Spectrum Scale, Spectrum Computing, Platform Application Centre, MPI) on premise and on cloud (mainly IBM Cloud/Bluemix/Softlayer and AWS, also worked on Microsoft Azure).
* Encrypted high performance filesystem(ISKLM GPFS)
* Encrypted high performance WAN data transfers (Aspera)
* Extensive experience on networks (Vyatta, VLANs, bonding, IPsec, TCP/IP, BGP, OpenVPN, Infiniband)
* Extensive computing/storage/network experience on physical hardware systems and virtualised/cloud systems
* Core services (DNS, NTP, LDAP, Kerberos, PKI, SMTP, WWW, IMAP, MySQL/Postgres, FreeIPA)
* Experienced with Windows Deployments(HyperV)
* Windows/Linux/MacOS desktops seasoned user and supporter
* Seasoned remote worker collaborating with global teams with a variety of technologies and tools (Salesforce, Slack, GoTomeeting, Zoom, Citrix, Cisco WebEx, IBM Lotus Notes/Verse, Pagerduty)

**Employment history**

**Senior DevOps Engineer – Oodle Car Finance**

*(September 2018 – present)*

Work with the CTO, external contractors and the rest of the team to support, modernize and expand the company’s AWS cloud(EC2, Beanstalk, Cloudformation, EKS, ECS, VPC, RDS, Cloudwatch) and on premise IT/risk analytics/web infrastructure

**Duties**

* Take on issues/questions as created in Jira or coming in from Slack/e-mail.
* Assist colleagues/data scientists/software engineers with on-boarding and working with AWS/on premises development/staging/production environments running mostly Ubuntu Linux, Jenkins, Apache Airflow, and python/Java code development.
* Review architecture, propose changes/improvements or new architectures.
* Build systems that can scale to match the company’s growth while ensuring compliance to regulatory requirements
* Monitor health and performance of the infrastructure, pre-emptively making changes to ensure smooth operation.
* Monitor costs ensuring optimal utilization of resources.

**DevOps Engineer – IBM Cloud Tools as a Service**

*(June 2018 – September 2018)*

Member of a global team responsible for providing 24x7 support for internally hosted instances of IBM UrbanCode Deploy, Jenkins, Docker swarm, Kubernetes, and Artifactory hosted on Softlayer.

**Duties**

* Prioritize, take on, and complete tasks in a self-directed manner using Github Issues with a customer first mentality.
* Work directly with users and stakeholders to resolve bugs and implement improvements.
* Respond quickly and accurately to user questions via email, Sametime, Slack, and Github.
* Participate in code reviews as part of a fast-paced, agile, continuous deployment process.
* Deliver fast, scalable, and fault tolerant services.
* Troubleshoot outages/performance problems, review and provide solutions
* Participate in the On-Call Rota(PagerDuty)

**HPC CloudOps Technical Consultant – IBM UK**

*(September 2014 – May 2018)*

Member of a global team implementing High Performance Computing and Storage solutions on the cloud for enterprise customers (oil & gas, banking and financial services, energy, research and higher education, electronics design)

**Duties**

* Contribute in the initial design and architecture phases.
* Directly engage with the customer’s technical teams.
* Implement solutions on the IBM Cloud by ordering hardware, deploying and customizing OS and HPC software, establishing secure network connections for hybrid cloud solutions and delivering to customer.
* Document solutions for use by the team for support and management purposes
* Provide support to customers for on-boarding
* Handle support requests either directly or escalating as needed
* Work with the wider team for follow-the-sun deployments/support
* Own and lead team participation for both internal projects and customer engagements
* Travel to customer sites as needed
* Help new team members with onboarding

**Linux Systems Administrator – Scientific Computing department, Science and Technology Facilities Council, RAL, Fabric team**

*(January 2012 – August 2014)*

**Duties**

* Deploy, operate and support computing, network and storage for the UK Large Hadron Collider Tier 1 Site (over 30k cores, 20 PB disk storage, 40 Gbps network core)
* Hardware Acceptance testing for new procurements
* Maintain and contribute to the DevOps infrastructure
* Respond to support tickets, solving hardware/software problems as needed, proposing and implementing longer term solutions
* OnCall rota
* Represent RAL Tier1 to relevant events world wide events contributing as needed

**Systems Administrator – Aristotle University of Thessaloniki, Greece, Scientific Computing Lab**

*(2000 – December 2011)*

**Duties**

* Support students and researchers with workstation and infrastructure problems
* All aspects of Data Centre capacity planning (building modifications, power, UPS, cooling)
* Network, computing, and storage architecture design and implementation
* Deploy and maintain grid middleware
* Deploy and maintain core infrastructure services
* DevOps/Automation
* Documentation

**Education**

**Aristotle University of Thessaloniki**

*(1997-2012)*

Physics degree

**References**

Available upon request.