

# MICHAEL BRIGHT

Cloud Native Solution Architect. Grenoble, France  
Objective - Pre-sales Solution Architect or Technical Lead

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Certifications: CNCF Kubernetes CKA, RHCE, RHCSA

## WORK EXPERIENCE

- 09/2013, Present      **Pre-sales Solution Architect, HPE Customer Innovation Center - Grenoble France**  
Cloud Native (CaaS, PaaS, Serverless, DevOps, u-services, Unikernel) presentations  
Delivery of Container Orchestration Labs (Docker Swarm, Kubernetes, Apache Mesos)  
PoC Management with NFV partners, OpenStack hands-on  
GCE, AWS, Azure, Orchestration/Automation (Heat, Ansible, Vagrant)
- 09/2005, 09/2013      **Cloud Engineer, HP CMS - Grenoble France**  
Automated installations of AP4SaaS/IaaS cloud products for Telecom service providers  
– Successful transfer to India/China development teams  
– Automated test frameworks for IaaS cloud product  
Agile development of Data analytics & service profile platforms  
– Agile team (SCRUM Master, TDD, Continuous Integration)  
– Java, C++ development, unit & functional tests for SOAP & REST frameworks.  
Proposed/implemented automated VideoXML dialog & media creation  
MOOCs in the areas of BigData, SDN, Databases, Agile
- 02/1998, 09/2005      **Solution Architect/Consultant, HP OCBU - Grenoble France**  
EU patent for Prepaid data charging [EP1720335A1]  
Pre-sales technical consulting on OpenCall products & proof of concepts  
– Prepaid voice/data charging, Voice over IP, IN, NG- service delivery, OSA/Parlay.  
Customer/Partner contact & ITSM delivery  
– Performance benchtesting, design win prototyping, PoCs, RFP responses  
– Deployments Korean VoIP benchtest, Japan IN, Ukraine Prepaid, France VHE.  
– ITSM Workshop delivery (Bouygues prepaid, Polkomtel)  
– Technical Lead for Hong-Kong Tel Y2K migration,
- 05/1992, 02/1998      **Technical Lead/Software Engineer, HP OCBU - Grenoble France**  
Technical Lead on Telecom IN products  
– Service Creation Environment project (IN SCE), 3rd-party editor integration  
– Consulting, debug, training to 8-partner billing project for HDLC/X.25 networks  
Software Engineer  
– Design & implementation of SCE & SLEE modules (HA, Mib, MemoryHandler).  
– Port of HP-UX 802.3 LAN driver to HP-RT.
- 08/1985, 05/1992      **Member of Technical Staff, HP Research Labs - Bristol UK**  
Network modelling (X.25, SS7, ethernet) leading to PoC, demos & HP products  
– Transfer to divisions in Singapore, France, US  
Parallel Processing research, AI/Qualitative reasoning
- 09/1983, 08/1984      **Research Trainee, BBC Research Labs - UK**  
NICAM digital audio subjective noise reduction  
– Z-filter design, simulation, bit-slice micro-processor coding  
– User subjectivity tests

## SKILLS

<b>Certifications</b>	Sep 2017 CNCF Kubernetes Administration (CKA) May 2015 HPE Expert One, SDN Apps (HP0-Y48) Nov 2014 Mirantis OpenStack Nov 2013 RedHat RHCE/RHCSA
<b>Cloud</b>	PaaS OpenShift, Google App Engine, Heroku IaaS Azure, AWS, OpenStack, CloudStack, SDN (OpenDaylight), Docker
<b>Languages and Paradigms</b>	C/C++, C#, Java, Javascript, JQuery, Angular, Scala, LISP, Smalltalk Scripting languages (Python/Perl/Ruby/PHP) SQL, NoSQL (MongoDB), Map Reduce. Ruby on Rails, Django Embedded Linux Kernel, Android, Raspberry Pi
<b>Tools</b>	Eclipse, Git, svn, vim, maven, Jenkins, gdb Virtualization (vSphere/Pyvmmomi, KVM-Qemu, VirtualBox)
<b>Foreign Languages</b>	Fluency in French, notions of Italian, Spanish.

## EDUCATION

	B.Sc/Dip.Eng in Electronic Control and Robotics
<b>Univ. Of Hull, UK</b>	Walter Firth prize for electronics 1 year placement with BBC Research Labs

## ACTIVITIES

<b>Conference Talks</b>	<a href="https://mjbright.github.io/Talks">https://mjbright.github.io/Talks</a> 2017-Jul RMLL Docker-py, Unikernels 2017-May PyConUS Container Orchestration, Jupyter tutorials 2017-Apr DockerCon US Unikernels Lightning Talk 2017-Mar HPE TES Unikernels, Container Orchestration 2017-Feb Snowcamp.io Unikernels 2017-Feb HPE TSS NFV, Docker Tools 2017-Jan Devconf.cz Unikernels The next big little thing 2016-Oct ContainerCon Europe, Container Orchestration (pres+lab) 2016-Jul Europython, Jupyter for Everything Else (pres+lab) 2015-Oct Pyconfr, Ipython vers Jupyter
<b>Startup Weekend</b>	'2012-Nov 2nd place': ' <a href="https://www.archionline.com/">https://www.archionline.com/</a> '
<b>Sport / Dance</b>	Running, cycling, Roller blading Rock, Argentinian Tango, Salsa, Music, Cinema
<b>Technology</b>	Grenoble Python User Group organiser Grenoble Docker and FLOSS User Groups co-organiser