

# MICHAEL BRIGHT

Cloud Native Solution Architect. Grenoble, France

RHCE, RHCSA, HPE Expert One SDN Apps

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Looking to work from Grenoble as Solution Architect around Cloud Native, Container technologies

## WORK EXPERIENCE

- 09/2013, Present      **Cloud Native Solution Architect, HPE Customer Innovation Center - Grenoble France**  
Cloud Native (CaaS, PaaS, DevOps, micro-services) presentations and labs  
Container Orchestration Labs (Docker Swarm, Kubernetes, Apache Mesos)  
Hands-on OpenStack for NFV partners PoCs, GCE, AWS, Azure  
Orchestration/Automation (Heat, Ansible, Vagrant)
- 09/2005, 09/2013      **Cloud Engineer, HP CMS - Grenoble France**  
EU patent for Prepaid data charging [EP1720335A1]  
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 and service profile platforms  
– Agile team (SCRUM/Continuous Integration)  
– Software development, unit and functional tests for SOAP and REST frameworks.  
Proposed/implemented automated VideoXML dialog creation from PPT for MWC PoC.  
MOOCs in the areas of BigData, Software Defined Networks, Databases, Agile
- 02/1998, 09/2005      **Solution Architect/Consultant, HP OCBU - Grenoble France**  
Pre-sales technical consulting on OpenCall products and proof of concepts  
– Prepaid voice/data charging, Voice over IP, IN, NextGen service delivery, OSA/Parlay.  
Customer/Partner contact and ITSM delivery  
– Performance benchtesting, design win prototyping, PoCs, RFP responses  
– Deployments KT VoIP benchtest, Tuka IN, DCC Prepaid, FT VHE.  
– ITSE Workshop delivery (Bouygues prepaid, Polkomtel)  
– Technical Lead for HKTel Y2K migration,
- 05/1992, 02/1998      **Tech 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 and implementation of SCE and 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**  
Research into design and modeling of data/signalling networks (X.25, SS7, ethernet) leading to PoC demos and HP products  
Parallel Processing research, AI/Qualitative reasoning
- 09/1983, 08/1984      **Research Trainee, BBC Research Labs - UK**  
Z-filter design, simulation, bit-slice micro-processor coding and user subjectivity tests of NICAM digital audio subjective noise reduction.

## SKILLS

<b>Cloud</b>	PaaS Google App Engine, OpenShift, Heroku IaaS Azure, AWS, OpenStack, CloudStack, SDN (OpenDaylight), Docker
<b>Languages and Paradigms</b>	Scripting languages (Python/Perl/Ruby/PHP), C++/C, Java, Scala, JavaScript, JQuery, FP SQL, NoSQL (MongoDB, Couchbase), Map Reduce. Ruby on Rails, Django Embedded Linux Kernel, Android, Raspberry Pi, BeagleBone
<b>Tools</b>	Eclipse, Git, svn, vim, maven, Jenkins, gdb Virtualization (vSphere/PySphere, KVM-Qemu, VirtualBox)
<b>Foreign Languages</b>	Fluency in French, basic fluency in 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-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
<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

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