

# MICHAEL BRIGHT

Cloud Native Solution Architect. Grenoble, France

RHCE, RHCSA, HPE Expert One SDN Apps

e-mail: [cv@mjbright.net](mailto:cv@mjbright.net), mobile: +33 (0)672991647

website: <https://mjbright.github.io>,

linkedin: <https://www.linkedin.com/in/mjbright>

Looking to work from Grenoble as Pre-sales Solution Architect around Cloud Native, Container and Automation technologies

## WORK EXPERIENCE

09/2013, Present	<b>Cloud Native Solution Architect, HPE Customer Innovation Center - Grenoble France</b> 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	<b>Cloud Engineer, HP CMS - Grenoble France</b> EU patent for Prepaid data charging [EP1720335A1] Automated installations of AP4SaaS/IaaS cloud products for Telecom service providers <ul style="list-style-type: none"> <li>– Successful transfer to India/China development teams</li> </ul> Automated test frameworks for IaaS cloud product Agile development of Data analytics and service profile platforms <ul style="list-style-type: none"> <li>– Agile team (SCRUM/Continuous Integration)</li> <li>– Software development, unit and functional tests for SOAP and REST frameworks.</li> </ul> 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	<b>Solution Architect/Consultant, HP OCBU - Grenoble France</b> Pre-sales technical consulting on OpenCall products and proof of concepts <ul style="list-style-type: none"> <li>– Prepaid voice/data charging, Voice over IP, IN, NextGen service delivery, OSA/Parlay.</li> </ul> Customer/Partner contact and ITSM delivery <ul style="list-style-type: none"> <li>– Performance benchtesting, design win prototyping, PoCs, RFP responses</li> <li>– Deployments KT VoIP benchtest, Tuka IN, DCC Prepaid, FT VHE.</li> <li>– ITSE Workshop delivery (Bouygues prepaid, Polkomtel)</li> <li>– Technical Lead for HKTel Y2K migration,</li> </ul>
05/1992, 02/1998	<b>Tech Lead/Software Engineer, HP OCBU - Grenoble France</b> Technical Lead on Telecom IN products <ul style="list-style-type: none"> <li>– Service Creation Environment project (IN SCE), 3rd-party editor integration</li> <li>– Consulting, debug, training to 8-partner billing project for HDLC/X.25 networks</li> </ul> Software Engineer <ul style="list-style-type: none"> <li>– Design and implementation of SCE and SLEE modules (HA, Mib, MemoryHandler).</li> <li>– Port of HP-UX 802.3 LAN driver to HP-RT.</li> </ul>
08/1985, 05/1992	<b>Member of Technical Staff, HP Research Labs - Bristol UK</b> 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	<b>Research Trainee, BBC Research Labs - UK</b> 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 OpenShift, Google App Engine, 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
<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

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