MICHAEL BRIGHT

Cloud Native Solution Architect. Grenoble, France
CNCF Kubernetes CKA, RHCE, RHCSA, HPE Expert One SDN Apps
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Objective - Pre-sales Solution Architect or Technical Lead on Cloud Native, Container and Automation

WORK EXPERIENCE

09/2013, Present — **Cloud Native Solution Architect, HPE Customer Innovation Center - Grenoble France**
Cloud Native (CaaS, PaaS, Serverless, DevOps, u-services, Unikernel) presentations
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**
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, TDD, 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, NG- 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 — **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 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

Certifications	Sep 2017 CNCF Kubernetes Administration (CKA) May 2015 HPE Expert One, SDN Apps (HP0-Y48) Nov 2013 RedHat RHCE/RHCSA
Cloud	PaaS OpenShift, Google App Engine, Heroku IaaS Azure, AWS, OpenStack, CloudStack, SDN (OpenDaylight), Docker
Languages and Paradigms	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
Tools	Eclipse, Git, svn, vim, maven, Jenkins, gdb Virtualization (vSphere/Pyvmomi, KVM-Qemu, VirtualBox)
Foreign Languages	Fluency in French, notions of Italian, Spanish.

EDUCATION

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

ACTIVITIES

Conference Talks	https://mjbright.github.io/Talks 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
Startup Weekend	'2012-Nov 2nd place': 'https://www.archionline.com/'
Sport / Dance	Running, cycling, Roller blading Rock, Argentinian Tango, Salsa, Music, Cinema
Technology	Grenoble Python User Group organiser Grenoble Docker and FLOSS User Groups co-organiser

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