MICHAEL BRIGHT

NFV Solution Architect, Containers. Grenoble, France
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WORK EXPERIENCE

09/2013, Present   **Container Advocate, HPE EG presales - Grenoble France**
· NFV PoC setup with HPE and NFV partners
· Hands-on with Helion Carrier-Grade OpenStack, OpenStack bug fix
· Docker evangelism via presentations and labs

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
· − Installation in HP Cloud (OpenStack)
· Automated test frameworks for IaaS cloud product
· − SOAP/PHP, Python/PySphere(vSphere control), Perl, JUnit, Jmeter
· Agile development of Data analytics and service profile platforms
· − Agile team (SCRUM/Continuous Integration using Git/Maven/Eclipse/Java)
· − 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

Cloud	'PaaS': 'Google App Engine, OpenShift, Heroku' 'IaaS': '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, BeagleBone
Tools	Eclipse, Git, svn, vim, maven, Jenkins, gdb Virtualization (vSphere/PySphere, KVM-Qemu, VirtualBox)
Foreign Languages	Fluency in French, basic fluency in 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

Sport / Dance	Running, cycling, Roller blading Rock, Argentinian Tango, Salsa, Music, Cinema
Technology	Creation of Grenoble Python User Group User Groups - Docker, GUILDE (Linux), AFPY (Python), AlpesJUG (Java) Awesome demo at DockerCon Keynote