

# MICHAEL BRIGHT

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## WORK EXPERIENCE

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- 09/2013, Present **NFV Solution Architect, 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

|                                |   |
|--------------------------------|---|
| <b>Cloud</b>                   | 'PaaS': 'Google App Engine, OpenShift, Heroku'<br>'IaaS': '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<br>Embedded Linux Kernel, Android, Raspberry Pi, BeagleBone |
| <b>Tools</b>                   | Eclipse, Git, svn, vim, maven, Jenkins, gdb<br>Virtualization (vSphere/PySphere, KVM-Qemu, VirtualBox)  |
| <b>Foreign Languages</b>       | Fluency in French, basic fluency in Italian, Spanish.   |

## EDUCATION

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

## ACTIVITIES

|                      |  |
|----------------------|--|
| <b>Sport / Dance</b> | Running, cycling, Roller blading<br>Rock, Argentinian Tango, Salsa, Music, Cinema                              |
| <b>Technology</b>    | Creation of Grenoble Python User Group<br>User Groups - Docker, GUILDE (Linux), AFPY (Python), AlpesJUG (Java) |