# MICHAEL BRIGHT

**Trainer, Consultant, Conference Speaker. Grenoble, France**
**Freelancing on Cloud Native - Docker, Kubernetes, Serverless**

e-mail: **training@mjbright.net**, mobile: **+33 (0)652891534**
website: **https://www.mjbright.net**,
linkedin: **https://www.linkedin.com/in/mjbright**

**Certifications: CNCF Kubernetes CKA, CKAD, RedHat RHCE/RHCSA**

## WORK EXPERIENCE

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| 07/2018, Present | **Cloud Native Trainer, mjbright Consulting** |
| | Consulting - Kubernetes Implementation |
| | Controlplane.io accredited Kubernetes Instructor |
| | Creation, delivery of Docker, Kubernetes, Serverless trainings |
| | Conference Speaker |
| 09/2013, 06/2018 | **Cloud Native Solution Architect, HPE Customer Innovation Center** - **Grenoble France** |
| | Creation of OpenShift Demo Platform |
| | Cloud Native Customer presentations (PaaS, Serverless, DevOps, u-services, Unikernel) |
| | Container Orchestration Labs Delivery (Swarm, Kubernetes, Mesos) |
| | PoC Management with NFV partners, OpenStack hands-on |
| | Cloud Automation (DigitalO, GCE, Azure, AWS, Terraform, 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 |
| | Automated test frameworks for IaaS cloud product |
| | Agile development of Data analytics and service profile platforms |
| | 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 |
| | Customer/Partner contact and ITSM delivery |
| 05/1992, 02/1998 | **Technical Lead/Software Engineer, HP OCBU** - **Grenoble France** |
| | Technical Lead on Telecom IN products |
| | Software Engineer |
| 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

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| **Certifications** | Sep 2017 CNCF Kubernetes Administration (CKA)<br>May 2015 HPE Expert One, SDN Apps (HP0-Y48)<br>Nov 2013 RedHat RHCE/RHCSA |
| **Cloud** | PaaS OpenShift, Google App Engine, Heroku<br>IaaS Azure, AWS, OpenStack, CloudStack, SDN (OpenDaylight), Docker |
| **Languages and Paradigms** | Scripting languages (Python/Perl/Ruby/PHP), C++/C, Java, Scala, JavaScript, JQuery, FP<br>SQL, NoSQL (MongoDB, Couchbase), Map Reduce. Ruby on Rails, Django<br>Embedded Linux Kernel, Android, Raspberry Pi |
| **Tools** | Eclipse, Git, svn, vim, maven, Jenkins, gdb<br>Virtualization (vSphere/Pyvmomi, KVM-Qemu, VirtualBox) |
| **Foreign Languages** | Fluency in French, notions of Italian, Spanish. |

## EDUCATION

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

## ACTIVITIES

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| **Conference Talks** | https://mjbright.github.io/Talks<br>2018 FOSSCon (Pres+Lab), FOSS Asia (Pres+Lab), Code Europe, PyConfr<br>2017 Devconf.cz, Snowcamp.io, HPE TSS, HPE TES, DockerConUS, RMLL, OSS EU (Pres+Lab)<br>2016 Europython (Pres+Lab), ContainerCon Europe (Pres+Lab)<br>2015 Pyconfr, Ipython vers Jupyter |
| **Startup Weekend** | '2018-Nov': 'Community Security System'<br>'2012-Nov 2nd place': 'https://www.archionline.com/' |
| **Miscellaneous** | Running, cycling, Roller blading<br>Rock, Argentinian Tango, Salsa, Music, Cinema<br>Volunteer at Lelefan Cooperative Supermarket |
| **Technology** | Grenoble Python User Group organiser<br>Grenoble Docker Community Leader<br>Continuous Learner |

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