

## DERIK PEREIRA

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<http://dp55.us>

770-540-2101 (US)

### OBJECTIVES

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- Cloud Computing Architect and Consultant

### WORK EXPERIENCE

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#### DELL

2011-present

#### **Roles: Cloud Computing Architect and Consultant**

- Research and development in Cloud Computing at the Dell Global Solutions Lab in Washington DC (Herndon, VA)
- Technology expertise with Cloud Computing technologies and providers for private, public and hybrid clouds including Linux and Windows platforms on VMWare, Hyper-V, KVM and XEN hypervisors including openstack, puppet and hadoop
- Presented and demonstrated Cloud Computing solutions to Dell customer executives, architects and engineers including white-boarding and brainstorming
- Advised and consulted with Dell customers on Cloud Computing best practices, strategies, approach and assessments
- Built Cloud Computing solutions for Dell customer briefings, architectural design workshops, proof of concepts, prototypes and reference architectures
- Built and launched the Dell Global Solutions Lab Cloud Computing solutions showcase and demo platforms
- Currently a part of the Dell transformation to a software solutions company that leverages their core hardware technology and infrastructure

#### dp55.us

2009-2011

#### **Roles: Cloud Computing Consultant**

- Research and development in Cloud Computing IaaS (Infrastructure as a Service), PaaS (Platform as a Service), SaaS (Software as a Service), Security and Compliance as per 2009 NIST definitions
- Technology expertise with IaaS, PaaS and SaaS providers such as Amazon, Google, Eucalyptus, Ubuntu, Drupal and other providers including Open Source technologies for public and private clouds
- Developed Python and C++ cloud applications with REST, JSON and YAML to APIs such as twitter, bit.ly, Google and others including social networking and community platforms
- Developed a method and process for selecting applications for cloud enablement and migration
- Developed an architecture for building a CPS (Cyber-Physical Systems) Cloud for research and innovation across multiple research domains
- Performed an assessment of the current state of a Science and Technology Park in West Africa for a future West African cloud
- Worked on a multiple research domain project where mathematical algorithms are applied to information for transformation to knowledge
- Developed a business model for global cloud deployment
- Worked on enterprise cloud deployments

**Roles: IT Consultant, Architect (Master Certified IT Architect by The Open Group and IBM), Systems and Software Engineer, Researcher, Developer, Programmer, Program and Project Manager, Business Developer**

- Consulted to IBM customers and partners on the strategy, architecture, design, engineering, development and programming of IT infrastructure (servers, storage and networks), service management, middleware and applications
- Technology expertise with Cloud Computing, Open Source, Virtualization, VMWARE, KVM, LAMP, Linux, Unix, Web, SOA, REST, Web Services, TCP/IP, Grid and High Performance Computing, Service Management Automation, Business Intelligence, Integration, Windows, Intel X86, RISC, SAN, LAN, WAN, MAN, routers, switches, firewalls and load balancers
- Programming expertise with Java, PHP, Python, PERL, C/C++ and COBOL
- Collaboration expertise with organizations such as OGF, Apache, W3C, OASIS and IAB
- Industry domain expertise in finance (banking, financial markets and insurance), communications (telecommunications and wireless), public (education, government and healthcare), travel and entertainment (airlines and hospitality) and distribution (retail and consumer packaged goods)
- Methodology and process expertise with ITIL, Enterprise Architecture and Governance

## **EDUCATION**

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- **MBA** in Economic Theory and Financial Markets (California State University)
- **BS** in Computer Sciences (University of Mississippi, School of Engineering)