

DERIK PEREIRA

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770-540-2101 (US)

OBJECTIVES

- Cloud Computing Consultant

WORK EXPERIENCE

Self Employed

2009-present

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 and other providers including Open Source technologies for public and private clouds
- Developed Python and C++ cloud applications with REST, JSON, YAML and Atom 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
- Currently researching Solar Power Technologies such as Photovoltaic and Concentrating Solar Power
- Currently working on a multiple research domain project where mathematical algorithms are applied to information for transformation to knowledge
- Currently developing a business model for global cloud deployment

IBM Corporation

1984-2009

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, XEN, LAMP, Linux, Unix, Web, Java, SOA, REST, Web Services, PHP, Python, PERL, C/C++, TCP/IP, Grid and High Performance Computing, Service Management Automation, Integration, Windows, Intel X86, RISC, SAN, COBOL, LAN, WAN, MAN, routers, switches, firewalls and load balancers
- 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

- **MBA** in Economic Theory and Financial Markets (California State University), **1983**
- **BS** in Computer Sciences (University of Mississippi, School of Engineering), **1977**