

## CAREER OBJECTIVES

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- Seeking to transition into a more leadership focused role that leverages past experience in management solutions, technical architecture, cloud infrastructure design, and datacenter operations
- Strong motivation to leverage past intrapreneurship experience within big business to develop new and innovative programs and projects within a competitive market
- Also considering major leadership opportunities within startups that are able to effectively compete with big business within a relevant technology market
- Desire to transition and establish independent credibility in the consulting community; only considering corp-to-corp contract opportunities at this time

## SUMMARY

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- Over 20 years experience in technology, datacenter infrastructure design, and datacenter operations
- Experience managing all major hardware vendors, including HP, Dell, IBM, Oracle, Cisco, and EMC
- Effective offshore management expertise with extensive experience driving internal and external resources in India, Pakistan, Bangladesh, Philippines, and Ukraine
- Expert with cloud infrastructure design that leverages horizontal scalability
- Extensive experience with HP Superdome 2 hardware design that leverages vertical scalability

## EXPERIENCE

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### AT&T (Senior Technical Architect from 2010 to 2011)

- Made expert recommendations for purchasing enterprise hardware.
- Developed and obtained accurate estimations of hardware and software cost requirements for clients.
- Extracted and documented requirements from clients.
- Designed high dollar solutions using a variety of technologies, including HP Integrity Superdome 2, as well as Dell and IBM midrange servers.
- Provided network architecture requirements for development and production infrastructure, including network level design of cluster configurations.
- Redesigned existing network architectures in order to meet dynamic project needs.
- Provided design requirements for EMC SAN infrastructures that related to application requirements.
- Developed and obtained accurate estimations of hardware and software cost requirements to clients.
- Coordinated SAN EMC infrastructure allocations, repairs and emergency workarounds
- Provided expert advisory to other architects and made recommendations for correcting design issues.
- Coordinated implementation efforts by working with engineers throughout company.
- Identified and corrected unplanned issues and made course corrections as needed.
- Worked closely with established vendors to facilitate quotes.
- Researched, compared, and made recommendations for new vendors to provide best

value for hardware, implementation, and support.

**VERIZON (Lead Systems Architect/Engineer from 2006 to 2010)**

- Made expert recommendations for purchasing SUN and Dell attached storage hardware to accommodate server RAID configurations.
- Managed existing attached storage hardware, including legacy IBM RAID arrays.
- Provided expert advisory and technical planning, designing, and implementing of systems infrastructure that supported collaboration, issue tracking, and call routing applications used throughout the company.
- Developed and obtained accurate estimations of hardware and software cost requirements to management as requested.
- Utilized multiple technologies including HP, Intel, Hitachi, Solaris, Linux, and security projects, as well as operations support, utilizing offshore, vendor, and outsourced resources.
- Extracted and documented requirements from users.
- Provided network architecture requirements for development and production Solaris and Linux systems, including network level design of cluster configurations.
- Redesigned existing network architecture in order to meet dynamic project needs.
- Provided design requirements for new EMC SAN infrastructures that related to application requirements.
- Coordinated and configured SAN EMC infrastructure allocations on all systems.
- Conducted EMC repairs and emergency workarounds.
- Partnered with EMC on escalated issues.
- Worked with EMC engineers on large scale migration efforts.
- Engineered elaborate NAS solutions to accommodate large data depositories that required access to NFS.
- Planned and executed Solaris 10 migrations from versions 8 and 9.
- Maintained existing Solaris 8, 9 and 10 development server environments.
- Provided expert knowledge for migrating applications from Solaris to New Red Hat Linux platforms.
- Implemented VMware ESX proof of concept system design for later deployment to entire company, and managed project implementations of all VMware ESX Servers under vSphere architecture.
- Reviewed application requirements and interviewed necessary development team members in order to make expert recommendations and design decisions that would best translate into implementation of new infrastructure.
- Provided expert advisory to other architects and made recommendations for correcting design issues.
- Coordinated implementation efforts by working with engineers throughout company.
- Identified and corrected unplanned issues and made course corrections as needed.
- Worked closely with established vendors to facilitate quotes.
- Researched, compared, and made recommendations for new vendors to provide best value for hardware, implementation, and support.

**ATG (Lead Systems Architect/Engineer from September 2001 to July 2006)**

- Designed, implemented, and supported network and systems infrastructure that provided core functions of the company.
- Made recommendations and implemented policy.
- Automated implementation and testing processes.
- Designed and implemented monitoring systems and reporting metrics.

- Responded to production incidents to avoid continuity outages on AIX, Solaris, and Linux platforms in order to meet service level objectives.
- Performed root cause analysis and resolution.
- Conducted forensic security investigations and presented findings to customers.
- Conducted critical security updates.
- Conducted software audits.
- Developed security automation scripts.

#### **SPRINT** (Technical Solutions Consultant—UNIX from March 2000 to August 2001)

- Designed and documented workflow systems for implementing a second level UNIX support team.
- Provided expert advisory and technical planning of systems infrastructure that was used by engineering design teams throughout the business unit.
- Planned and implemented various security projects.
- Wrote monitoring scripts
- Took initiative to finish access control project a year ahead of schedule.
- Devised algorithm that lead to the success of a large NIS merger project.
- Maintained existing HP-UX and Solaris Server environments, as well as UNIX workstations and X-terminals.
- Facilitated system automation via use of Perl, Bash, Korn, and AWK scripting.

#### **INDEPENDENT VENTURES**

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- Maven Shark Consulting: Principle Consultant since 1995
- Virtual Salvage: Owner from 2005 to 2006
- Ichthus Business Technology: Partner from 1995 to 1998
- Independent Small Business Technology Consultant from 1989 to 1995

#### **NONPROFIT & PHILANTROPY**

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- Interhackerspace: Founder, Executive Director (in planning)
- The Geek Group National Science Center: Community Development Coordinator, 2013
- Dallas Makerspace: Founder, Organizational Architect, Leadership Development & Outreach Adviser since 2010

#### **EDUCATION**

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- Master of Science, Management—Information Systems Security, Colorado Technical University, 2013
- Master of Science, Computer Science Program, University of Texas, 2006
- Bachelor of Science, Computer Science, University of Texas, 2005
- Associate of Applied Science, Computer Science Technology, Texas State Technical College, 1998