

Jeremy Barber

Senior Level Systems, Network, & Virtualization Engineer with Extensive Management Experience

Langhorne, PA - Email me on Indeed: [indeed.com/r/Jeremy-Barber/4d6f4a56fb9db892](https://www.indeed.com/r/Jeremy-Barber/4d6f4a56fb9db892)

Senior Level Information Technology Manager with extensive IT and Project Management experience, including project engineering, and client-server support. Comfortable within various key business units including Engineering, Marketing, Finance, Operations and Manufacturing in the global arena. Expertise in aligning software and hardware projects with business objectives and providing results. Proven ability to understand existing business processes and to utilize technology to achieve increased productivity. Solid background in designing, implementing and supporting technologies such as Windows Domain building (NT to 2012 R2) Enterprise Resource Planning (ERP), Electronic Medical Records (EMR), Online/Cloud document systems, Engineering design environments, Exchange/ email systems, LAN/WAN, wireless technologies, Security appliances, Network engineering, Load balancing, and multi-platform server implementations on both physical and virtual environments. Well established understanding of working within various key business units including maintaining effective relationships with both internal clients, external clients and vendors. Capable of working with all levels in an organization, relating IT service at the technical and non-technical levels. Current and dynamic understanding of industry advances and rapid adaptability to emerging technologies and concepts. Additionally responsible for all budgeting, and procurement of hardware, software and maintenance as well managed team of service desk techs, field engineers, NOC, Systems/Network engineers. Authorized to work in the US for any employer

WORK EXPERIENCE

Senior Project & Escalation Engineer

IT Solutions Inc - Fort Washington, PA - November 2015 to Present

Responsibilities

Responsible for the design and implementation of varied client projects. Project scopes including virtual environment roll outs, server, network, SANs, environments encompassing many layers of technology and platforms. Responsible for highest level escalation issues across corporate clients. Integral role in moving the company into larger and more complex projects for significant clients.

Regional Sr. Systems/Network Engineer

International SOS - Trevose, PA - November 2014 to July 2015

Responsibilities

Special Projects Contractor, Rebuilt VMware server clusters for proper functionality, Manage/maintain 500+ server environment. Upgrade of fiber SAN fabric to EMC SAN. SAN VNX upgrade and expansion project. Windows 2012 conversion project, converted servers/services from 2003/2008 to windows 2012. Installation of vSphere 6.0 infrastructure at multiple Data Centers. Network functionality support and upgrades. Site to site DR development based on vSphere replication and MPLS\VPN WAN. Avamar backup implementation multi-site replication. VMware horizon implementation. Remote data center build up project. Daily trouble shooting and service ticket handling.

Director of Technology

TeamLogict of Newtown PA - Newtown, PA - May 2013 to June 2014

Responsible for all aspects of technology implementation, planning, engineering and implementation. Managing IT staff including service desk, NOC, Field Engineers, systems/network engineers. Responsible for

maintaining systems as well as project management and hands on implementation. Servicing both large and small clients as the primary resource for the entire life cycle of data centers construction and maintenance both onsite and remote. WAN implementations, complete network redesigns and new installations. Brought clients up to current enterprise standard practices. Engineered environments to comply with regulatory specifications such as PCI, HIPPA, FDA compliance standards.

Manager - Network and Infrastructure

Hadco Metal Trading Co - October 2012 to May 2013

Brought on to facilitate a current and best practice environment for rapidly growing company with 6 locations. Designing and implementing Windows 2012 domain, Exchange 2010, Citrix Xenapp 6.5 cluster, VMware ESXi environment on EMC fiber SAN. New Fiber based WAN with converged services, site to site failover and disaster recovery scenarios. Migrated mobile users from blackberry to Exchange Active Synch.

Manager - Network and Technical Support

Philabundance - Philadelphia, PA - October 2010 to October 2012

Converted entire data center from standalone servers to a complete VMware environment. Implemented 24 x7 total uptime scenarios with redundancy and generator. Implemented and migrated to VMware 5.0. Implemented VMware level back up strategy used Backup Exec and offsite replication. Domain migration from Windows 2003 to Windows 2008 R2 Domain. Exchange 2003 and 2007 migration to Exchange 2010. Implemented Del Kace systems for total patch management, software distribution and machine imaging. Windows 7 Migration from windows XP and Windows 2000. Client side security and environment utilizing Domain level down policies. Removed legacy point to point and VPN tunnel Wan for an MPLS cloud network. Managed IT staff/services/ Projects and It directives; including Helpdesk and System Administration staff.

Sr. Network/Systems engineer - Manager of IT

Pennsylvania Crusher Corporation - Broomall, PA - 1995 to 2010

Broomall, PA (1995 - 2010)

Sr. Network Engineer/Systems Manager / Network Engineer / Corporate Network Administrator / Systems Administrator / Information Technology Administrator / Product Engineer / CAD Manager

Rader Co - Alpharetta, GA - 2008 to January 2008

to Woodruff SC with 0% downtime to users:

- * Migration of a Citrix farm from Rader domain to JeffreyRader Domain
- * Migration of Encompix ERP system into JeffreyRader Windows 2003 Domain
- * Migration of email from Lotus Notes to Exchange
- * Migration of all user accounts, data and remain applications to existing 2003 domain

Special Projects Contractor, Rebuilt VMware

- 2003 to 2008

server clusters for proper functionality, upgrade of fiber SAN fabric to EMC SAN. SAN VNX upgrade and expansion project. Global datacenter operations and maintenance. Windows 2012 conversion project. Converted all servers/services from 2003/2008 to windows 2012. Installation of vSphere 6.0 infrastructure at Trevoze Data Center. Network functionality support and upgrades.

IT support Staff

Pennsylvania Crusher corp - Woodruff, SC - September 1999 to September 1999

Purchase of Jeffrey Specialty Equipment by Pennsylvania Crusher Corp, Woodruff, SC. (September 1999)

* Following the removal of Jeffrey's existing IT staff, created plan to allow remote management of all IT functions saving the company the cost of an onsite IT support Staff.

- * Provided all technical support for entire network and all servers, desktops and users
- * Set up and configured site-to-site VPN configuring all IP addresses and security gateways
- * Built IBM servers utilizing Windows 2003 domain structure with full redundancy and Exchange email
- * Migrated domain from Windows NT4.0 domain environment to Windows 2003 AD domain
- * Configured Windows XP and Windows 7 Professional workstations within Domain
- * Provide training on advanced features for end users on an as-needed basis
- * Configured ArchServ Backup for all servers with full daily backups with disaster recovery

Purchase of Gundlach Equipment Corp. Belleville IL. - (March 2005)

* Prior to the purchase of the company, performed due diligence review and audits on IT resources. Upon acquisition:

- * Built new Windows 2003 Domain, Installed MS Exchange and all supporting systems, rebuilt and restored ERP systems and all data files
- * Complete roll-out of all new client computers
- * Rebuilt LAN to Corporate standards and integrated the subnet into Corporate WAN
- * Centralized Key functions at Corporate office in order to assume all responsibilities of IT management including Support, Helpdesk, Server support and management
- * Implemented total disaster recovery plan

Purchase of Pennsylvania Crusher Corp. by K-Tron Corp. Pitman NJ. (July 2006)

* With the purchase of Penn Crusher by K-Tron, all size-reduction companies became subject to Publicly Traded company rules and auditing:

- * Establishment of SOX compliance on all systems, including security policies on all financially related systems
- * Creation of internal systems for documentation, security, and auditing with reviews and training for compliance to end users
- * Implementation of a centralized monitoring system utilizing Nagios and Active Experts Network monitoring systems. SNMP monitoring of printers and LAN appliances, Server to Service level monitoring.
- * Designed process for centralized instant messaging system utilizing Spark to increase communication across the corporate environment
- * Centralization of helpdesk functions and monitoring using TrackIT Enterprise

Purchase of Rader Companies by Pennsylvania Crusher Corp. Alpharetta GA. (September 2007)

- * Full assessment of data and network infrastructure needs and Due diligence reviews
- * Integration of remote sites at Vancouver, Montreal, and Stockholm into Size Reduction WAN
- * IP address reassignments to eliminate conflicts
- * Implementation of Bridgehead server at each location to ease network load tied into new domain.

EDUCATION

Bachelor in Electrical Engineering

Drexel University

1999 to 2006

Certificate in Computer integrated Manufacturing

Gloucester County Institute of Technology - Sewell, NJ

June 1993