

# Steve Timko

Volunteer Firefighter, GA Pilot, **Technology Entrepreneur**

Green Brook • NJ • steve@timko.com • kc2pmu • (908) 304.5737

## OBJECTIVE:

**Twenty years of core computing experience**, continuous improving technical lead with technology, and operations. As a lifelong student Steve is always learning, a **strong team builder**, and an effective **independent performer**. Open minded and a great **listener**, he is always looking for the win-win strategies. Steve's track record clearly demonstrates his abilities to **connect** the real business problems with cutting edge **technical and entrepreneurial ideas** while committed to **getting the job done**. Steve is seeking a rapid growth centric role empowered with immediate **leadership** opportunities in an agile business to technology atmosphere.

**TAG Line:** Business to Infrastructure IT guru promoting rapid agile delivery while learning and promoting DevOps.

## TECHNICAL / BUSINESS EXPERIENCE:

<b>Strengths:</b>	<b>Thought leader</b> with proven abilities to build and grow businesses, and establish successful industry relationships. Steve is a <b>status quo challenger</b> with special expertise in <b>monitoring, continuous integration, innovation, configuration management</b> , and technology enhancements. Leads by setting the right example and is able to <b>bridge the gap</b> between business and technical groups. Steve is a <b>key opinion leader</b> within the <b>infrastructure</b> organization delivering <b>next best</b> business & devops practices.
<b>Business:</b>	<b>Leadership</b> , Budgeting, forecasting, work intake, team building, <b>coaching</b> , flexible and <b>reliable</b> .
<b>Cloud:</b>	Automation, <b>Puppet</b> , VMware, Openstack, enStratus, <b>AWS</b>
<b>Software:</b>	<b>Apache</b> , Oracle <b>Weblogic</b> , <b>Nagios</b> , Sitescope, Cacti, GIT, Jenkins, MySQL
<b>OS:</b>	UNIX / Linux ( <b>FreeBSD</b> , RHES, <b>Cent</b> , Ubuntu, Solaris, HPUX), Wintel
<b>Misc:</b>	Ant, NDM, Autosys, Cron, Cygwin, JMeter, innotop, Visio, Veeam, PSI-probe, Lambda

## WORK EXPERIENCE:

McGraw Hill Education

NYC, NY

**Customer Account Executive & DevOps Evangelist, Global Infrastructure**

8/2010 – Current

*10/2012 Promoted to CAE during company outsourcing and spin off events, retained to lead cloud migrations and migration work in providing technology governance of partners to business.*

- Leading the separation activities for the customer application tower in separating MHE critical apps and systems from its parent company McGraw-Hill financial. Key technical resource for the migration/separation efforts; engaging VP and above management for all levels of infrastructure architecture review, communications, relationship building, project planning, and technical liaison efforts. Delivering and presenting real-time communication updates to all stakeholders.
- Driving data center separation planning and architecture roadmap creations while serving as technical leader to external and internal stakeholders such as Business IT app owners, Wipro, and Atos vendor personal in helping to identify requirements, solutions and articulate costs, benefits, and risk to different options. Setting the disposition on over 800 companywide applications (decommission, migrate to cloud, migrate to new DC, leave alone).
- Discovering application requirements across multiple MHE business units, working with lead developers, business owners, and technology partners such as Wipro and Atos. Collected and reconciled initial data inventory for companywide CMDB efforts. Creating blue prints for standing up, executing, and managing a real-time work intake / inventory / configuration management systems within the force.com platform.
- Delivering concrete business results and tangible financial benefits to the company, by forming partnerships, managing vendor relationships, reducing cost, and improving goods and services. Overall leading and delivering defined solutions on time and in budget. Helping our business partners achieve their goals for our customers.
- Manages the work intake process, gathers requirements, and kick off projects while educating self on business applications, markets, and goals. Translating complex business concepts into executable action plans.
- Acts as business and technical liaison to the McGraw-Hill Education business units and vendors. Initial point of contact for the business units in interacting with project managers, product development teams, and solution designers from the outsourced provider. Responsible for ensuring overall business strategy is on target.
- Leading efforts and promoting rapid agile business product deliver through DevOps. Challenging and engaging development, operational, external vendors, and business teams in joint efforts to accomplish and reduce product delivery cycles from months down to days or less.

McGraw Hill Companies, Inc.

NYC, NY

**Technical Implementation Team Lead/Release Manager, Solutions Implementation**

8/2010 - 10/2012

*8/2011 Promoted to team lead RM*

- Managed and implemented both Enterprise IT software applications and infrastructure projects under McGraw-Hill's Financial and Education business segments. Determined all stakeholders in the transition process, documented deliverables using operational readiness checklist, and run books, in ensuring a successful transition.

- Technical Implementation lead engaged in recruiting, hiring, and training new application implementation engineers.
- Shepard projects from implementation kick off through operational readiness. Planning, preparing and executing training, hour by hour go-live plans, solution testing, and the final transition to operation teams.
- Developed a 'Model-T' pattern to assist solution engineers in ciphering business requirements into usable implementation build patterns. We did this by creating a standard customized stack of Apache and Weblogic through defining each resource that was static or dynamic in excel.
- Member of an automation project team engaged in onboarding Puppet and enStratus technologies in enhancing time to market deliverables. Provided and integrated key Puppet best practices, feedback, modules, and visions to the project. Attained puppet certification in 2012.
- Devops contributor; maintained a devops group on the companies intranet and encouraged communications across build, operations teams, and business units.
- Escalated issues, provided status reports of team activities, served as a focal point in communicating and resolving integration issues with both internal and external teams, and provided overall implementation team direction.
- Go to lead implementation engineer, leading the way into new practices. Ensured servers and applications being turned over had adequate monitoring provisioned, were tested, and enabled for final transition.

McGraw Hill Companies, Inc.

NYC, NY

**Senior Application Implementation Engineer**

8/2010 - 8/2011

- Responsible for implementing enterprise wide applications across multiple internal business units. Worked on cutting edge projects such as McGraw Hill Educations Connect, Eztest, and Blackboard integration components.
- Technical liaison with Solution Design Engineers, Product Engineers, Project Managers, and development teams for building, testing, profiling, and documenting the solution.
- Review Solution Design Packages, document and updates project supporting documentation such as architecture diagrams, Run Books, monitoring requirements, and support guidelines & procedures.
- Cross trains peers in preparation for solution go-live and provides level III support, providing post implementation guidance and an escalation path.
- Works closely with Product and Solutions Engineering teams to develop repeatable and efficient products and solution deployments. Created standardized templates for enhancing time to market solutions while acting as a SME and assisting Solutions Engineering team members.
- Install, configure, and maintain low latency / highly available middleware application infrastructure components (Apache, Oracle Weblogic, WebGate, XML gateways, etc.).

Citigroup – Financial

Warren, NJ

**Senior Web Application Technical Analyst**

4/2006 – 7/2010

- Liaison between technology, developers, Private Bank, and Global Wealth business objectives; coordinating the design, implementation and maintenance of vendor supplied application systems to insure acceptance and proper use of the applications.
- Initial point of contact for application updates, outages, and/or deployments, including promotions from development and staging to production.
- Architected and integrated HA (3DNS, weblogic cluster) enterprise J2EE application implementations, providing requirements, working closely with multiple groups to meet tight timelines on over two hundred Solaris, AIX, Redhat, and Windows servers.
- Administrator for Weblogic, IIS, Apache, and iPlanet systems, providing 24 x 7 support for internal customer sites such as citimortgage.com, citicards.com.
- Supported large scale, cross platform, distributed enterprise server environments across multiple data centers.
- Technical Project lead on systems dealing with Compliance (Actimize), Private Bank Trading platforms (Commerce Quest), financial loan management (Flexcube), and other internal proprietary applications.
- Migrated over a dozens of distributed, geographically highly available application systems into new consolidated lights out data centers, using technology such as Solaris Zones, Weblogic 10.x, Oracle Forms, Actimize, Flexcube, Websphere, Sun One web server, F5 3DNS, and Linux.
- Manipulated and leveraged python, wlst and shell scripts to streamline upgrades and deployments.
- Responsible for developing and raising dns, firewall, load balancing, and monitoring requests for each application. Working closely with change control agents and the business.
- Coordinated annual application and system audits, vulnerability and threat management.
- Trained and integrated offshore support enabling a, “follow the sun”, supported environment.
- Troubleshooting issues as they arise, teaching and influence decisions makers, and solving problems.

Sparta Social Networks – Social Media

NYC/Virtual

**Systems Administrator**

2009 – 2012

- Remote part time administrator, overseeing cloud web services (vSphere ESXi, vyatta, Hudson, svn, tomcat, mysql).
- Successfully migrated a dozen physical systems running variations of linux with tomcat, mysql, apache, subversion, and other opensource apps into a virtual managed datacenter environment, building the Sparta private cloud.
- Reduced the hosting footprint, saving over five thousand dollars in monthly cost, enabling rapid system deployments, and providing high availability.

- Provided feedback and documentation of all issues and build guidelines.
- Performs automated build outs of customer sites using ANT, svn, and Hudson.
- Implemented real-time monitoring (snmp, cacti, nagios) and scheduled backups (veeam, backuppc, scripts).
- Created deployment scripts, overseas system updates, and ongoing threat management analysis.
- Directly administrating, training and providing documentation for VMware, system/network, tomcat, and mysql.
- Assisted in the migration of php social networking sites into a HA clustered J2EE platform, utilizing apache/tomcat clustering/mysql.

Cubic Transportation Systems – Transportation & Defense

Jersey City, NJ

**Senior Systems Engineer**

10/2005 – 4/2006

- Provided mission critical deployment support for the ongoing installation of the real-time NextFare Collection system.
- Ensured system and network connectivity between HPUX central computers, ticket vending machines, turnstiles and mainframe access from PATH stations, PA datacenters, and the NYC Transit network for device connectivity, consumer cash and credit transactions.
- Debugged system performance, including HPUX OS monitoring and tuning, Weblogic application support and Oracle 9i performance tuning.
- Managed the redundancy of the PATH Nextfare environment, establishing real-time monitoring tools including, HP OpenView, Daily backups (Netbackup), Network monitoring (Nagios & SolarWinds), Windows & UNIX System integrity and the overall health of the entire application. Brining to the table and utilizing VMware ESX Server for server consolidation and the P2V tool for creating a streamlined multi-homed redundant operating environment.

Tullett Prebon Holdings Corp – Financial

Jersey City, NJ

**Senior UNIX Systems Engineer**

9/2003 – 10/2005

- Supported over 400 UNIX and Linux systems and software for real time market data systems, manage junior system engineers, ensure 100% uptime on all internal broker systems and services
- Provided strategic support and guidance on global projects, maintained system stability and ensured proper documentation on all tasks.
- Installed, configured, maintained and troubleshooter for multiple versions of Sun Microsystems Solaris and Red Hat Linux systems. Maintained sun jumpstart and Linux kick start servers for rapid product deployments, building packages and version control.
- Traveled acting as a system administrator/marketdata admin, maintaining data feeds on a semi-monthly basis in Bermuda.
- Managed test, staging and production rigs supporting real time, mission critical trading systems and pricing distribution applications built around J2EE architecture using software such as, Apache, mysql, Weblogic, SonicMQ (JMS) and Oracle running on Sun Fire's (Solaris 8) and HP Blade's (RedHat ES) platforms. Working with developers, QA and production support teams in fulfilling the project life cycle.
- Established real-time internal and external services such as Reuters RMDS/Triarch products including market data hub (mdh), Point-to-Point Server (p2ps) and supported market data feeds (RDF's) in each region for around the world redundancy.
- Lead technical project administrator for deploying remote data feeds in international offices. Traveled to Toronto, setup and maintained a Prebon's NextGen Market Data System (PMDS) for several live broker desks.
- Analyzed vendor software & hardware IT security products for recommendations using tools from The Center for Internet Security. Performed security audits and penetration tests on all Solaris, Linux and network deployments.
- Senior Americas UNIX Engineer on evaluating and implementing a Sun N1 deployment solution using N1 Grid Service Provisioning System.
- Traveled to UK, engaged in team discussions, and deployment scenarios with our EMEA support counterparts. Established deployment procedures for new business services, increasing availability, lowering operating expenses and designing best practices with onsite SUN engineers thus deploying real-time mission critical software in a more controlled and repeatable environment.
- Supported mission critical, real time market data systems using both Sun and HP Bladesystem technology, setting up and maintained HP's Rapid Deployment Pack (altris, RDP), Proliant BL20p class blades along with the p-Class GbE2 internetconnect switches.
- Took an acting position with the logistics department, serving as a liaison between development, systems and networking teams to the business while assisting in the design, deployment, and testing of a new in house market data system for the brokers.

Logical Design Solutions – Technology

Morristown, NJ

**Network/UNIX Web Administrator**

12/2000 – 9/2003

- Primary support for all UNIX, Windows, networking, telecom and backup infrastructure operations, day to day responsibilities included proactively monitoring all systems, backups, installations and configuration of system hardware and software, troubleshooting application problems with developers, and security administration of the firms systems and network.
- Developed a standard project build package utilizing SUN's Netra & Sun Fire lines of servers along with Veritas Software Suite to maintain optimal performance and uptime throughout the projects lifetime.

- Configured project environments: Assisted project managers and lead architects in the design and engineering of the client's development, staging and production infrastructures including enterprise application such as Document, SAP R3, SAP Portal, Weblogic Portal, Apache, Jrun, IBM Websphere and SunOne Applications.
- Setup and administered Weblogic with senior developers. Worked with VPs, developers and sales to direct our partnership with BEA.
- Responsible for network design, troubleshooting, security, capacity planning, intrusion detection. Installed & operated on a daily basis a network monitor system (HP Openview) to watch over three offices (NYC, NJ, DC) broken up in multiple subnets connected via interoffice WANs using Cisco networking equipment.

USInternetworking – Application Service Provider

New York, NY

**Network Engineer / UNIX / NT Administrator**

11/1999 – 12/2000

- Set up and maintained *TCP/IP* connection to company backbone and the *Internet*. Interlinked multiple subnets and firewalls (with Nokia Checkpoint Firewall-1) to several remote offices (Annapolis, New York & New Jersey).
- Responsible for network design, troubleshooting, security, capacity planning, intrusion detection and centralized backup (operating Veritas BackExec & NetBackup).
- Responsible for the installation, operation and performance of several Broadvision, Oracle & NES systems on HP L Class Systems running HP-UX 11.00 64bit and SUN E250 & E450 servers in development, staging & production environments connected with companies EMC and local disk arrays (HP FC-10) operating Veritas file & volume managers. Utilized SUNs Jumpstart & HP ignite systems.
- Central point of contact for solution architecture, including sizing, performance tuning, legacy system integration, and peak planning of large, multi-million dollar Broadvision and Microsoft Site Server E-Commerce sites.

Eclipse Internet Access – Internet Service Provider

Piscataway, NJ

**Technical Support / UNIX Administrator**

1996 – 2000

- Installed and maintain several ISP servers running BSDI with radius, sendmail and apache/stronghold web hosting services.
- Top-level sales selling dialup, dedicated and web hosting accounts and Level 2 Technical Support rep of dedicated circuits, co-location, DSL, Frame-Relay and Point to Point customers.
- Compiled and administered server daemons (Apache-SSL, Sendmail, BIND, and IIS)

**EDUCATION:**

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Rider University, Continuing Studies, Lawrenceville, NJ

Bachelor of Science in Business (Entrepreneur Studies), expected graduation 2015

Raritan Valley Community College, North Branch, NJ

Associate of Arts in Business, 3.0 GPA, Dean's List 08-09

**HONORS AND ACTIVITIES**

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Private Pilot, Ham Radio Technician, Openspace, Board of Adjustment, Township Technology Committee, Volunteer Firefighter/EMT Officer, Townhouse Association Board Member, New Jersey Forest Fire Service, Habitat for Humanity