

# Christopher Mera

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*professional technologist delivering solutions for your business technology obstacles*

## Profile:

Mr. Mera's experience in the IT Industry has focused on systems development and network infrastructures in open-source Linux, UNIX and Windows environments. His primary responsibilities include planning, design, and implementation of complex computing and network environments, which include virtual servers, storage area networks, clusters, replication and high-availability systems. Additional responsibilities include remote production support for various outsourcing clients, management of network devices for core infrastructures, and establishing redundancy for content delivery networks.

## Technical Skills:

<b>SYSTEMS:</b>	SOLARIS, FREEBSD/OPENBSD, REDHAT/GENTOO LINUX, WIN 2K3/XP/2K/98, VIRTUAL SERVER 2005 R2
<b>NETWORKING:</b>	VLANS, VTP, SECURITY, BSD IPFILTER, IPTABLES, TRAFFICCONTROL, WATCHGUARD, SONICWALL, JUNIPER, NAGIOS, BIG BROTHER/HOBBIT
<b>APPLICATIONS:</b>	VIRTUAL SERVER, ASTERISK, APACHE, MYSQL, SENDMAIL, H-SPHERE, PACKET FILTERING, CISCO IOS, CISCO, CATOS, ETHEREAL, SAMBA, X WINDOWS, BACKUP SOFTWARE, ENCRYPTION, EXCEL, WORD, ACCESS
<b>PROTOCOLS:</b>	BIND/DNS, BGP4, ICMP, IGMP, ISCSI, TCP/IP, UDP, NFS, HTTP, SSL, SSH, PGP, SNMP, SMTP, RADIUS, ISCSI
<b>CODING:</b>	HTML4, CSS, BASH, TURBO C SHELL, C, VBSCRIPT, REGULAR EXPRESSION

## Experience:

### **InfoManage Corporation**

*Systems/Network Engineer (06/2006 – 09/2008 )*

Staff member of IT consulting firm and managed services provider. Primary Responsibilities include providing clients with overall SA support, specializing in Linux, Windows 2003 and Solaris 9/10. Secondary responsibilities include internal network optimizations, network authentication, and development/support of custom CRM system, responding to support calls from clients, and assisting Database Administrators in maintaining internal datasets.

### *Selected Assignments/Projects:*

#### **Lawson ASP Firm –**

Lead a nationwide project in deployment of "drop-in" full-tunnel Sonicwall VPN devices. The VPN nodes presented issues of security, network configuration, and interoperability with Nortel Contivity VPN Concentrators devices. Planning efforts were carried out for implementations at branch sites in heterogeneous end-point networks.

#### **Financial Services Firm –**

Designed, Implemented, and Maintained a FC/Gigabit Solaris 10 environment as the backend for a custom Java web-based trading platform. Upgraded the original environment from SPARC-based Solaris9 to AMD-based Solaris 10 platform. Performed migration of data volumes from SCSI-based StorEdge A1000 arrays to StorageTek 6140 Fiber-Channel SAN for database servers. Performed detailed performance analysis of Application Servers and Network Appliances. Other duties included configuring PIX firewalls, performing package installations, performing disaster recovery scenarios, and day to day system support for Production, Test, and Development environments.

#### **Entertainment Firm –**

Contact: Christopher Mera, [chris@nyholdingco.com](mailto:chris@nyholdingco.com)

Designed, Implemented, and Maintained a Linux-based file server to be used with MacOS X clients. Configured SMB/CIFS and a TLS-based FTP service for in-house designers and outsourced designers to use. Provided day-to-day support for production environment.

#### **Renowned Theater Organization –**

Diagnosed performance issues of web-based Point of Sale system. Performed log analysis on IIS 6.0, Windows Server 2003, and Netgear Managed Gigabit Switches. Gathered evidence and performed tests to support diagnosis, reported results and recommendations directly to Management.

#### **InfoManage Infrastructure –**

Designed, Implemented, and Maintained a Gigabit Virtualized Server environment. Performed migration of stand-alone Exchange services to fully redundant clustered Virtualized Exchange servers. Created scripts to facilitate system state backups and manage disk utilization for backups. Upgraded internal server network to Gigabit to facilitate iSCSI as the standard protocol for a local Storage Area Network.

#### **Reality Check Network**

*Night Shift Linux System Administrator (2006 )*

Staff member of Web Hosting provider. Primary Responsibilities included the planning and execution of a datacenter migration from downtown Manhattan to a state-of-the-art Weehawken, NJ facility. Secondary responsibilities included providing clients with technical support, specializing in Linux, Apache, MySQL and PHP during graveyard shift.

#### **Sandberg & Sikorski Corporation**

*Windows Helpdesk Leader (2002-2004 )*

Staff member of large luxury manufacturing and textile company . Primary responsibilities included providing end-users with desktop technical support, specialized in Windows 2000/XP, IBM Client Access 400, custom-built manufacturing applications, and a Windows 2000 Active Directory network.

*Selected Assignments/Projects:*

#### **CNC Tool Conversion –**

Developed a command line based application written in C to quickly and accurately convert batches of CNC instruction code from 3-axis to 5-axis coordinates.

#### **Novell NetWare Phase Out –**

Designed, Implemented, and Deployed a Windows 2000 Workstation Rollout to all departments. Utilized Norton Ghost to create a basic system image and deployed it via Ghost's network boot disk. Joined all workstations to a brand new Windows 2000 Active Directory domain and implemented Roaming Profiles.

#### **Education:**

#### **LaGuardia Community College, (City University of New York)**

Coursework in Mathematics

Coursework in English Lit.