

Daniel M. Gomez

Remote/Virtual Office

Anywhere in the World

+1 (954) 703-3291 • me@dmgomez.com

GENERAL QUALIFICATIONS

- More than 17 years of solid experience in the IT field.
- Fluent in technical and non-technical English & Spanish.
- Background in Systems Administration, DevOps, Software Development, and Customer Service.
- Director level leadership experience and competent with hands-on management of infrastructure and operations.
- Proficient in CI/CD methodologies and work flows. Languages include PHP, Java, and Python.
- Expert level knowledge with highly available web, email, and modern cloud hosting technology stacks.
- Advanced level user of FreeBSD, Windows, Linux, and Apple operating systems.
- Hands-on experience with installation and maintenance of physical desktop, server, and networking equipment.
- Highly experienced in virtual infrastructure and containerization. (VMWare, AWS, Azure, LXC, Jails).
- Proficient in blockchain based PoW/PoS crypto-currency systems and concepts.

WORK EXPERIENCE

10/2015 - Present **Director of Operations, [Company Confidential], Worldwide (Remote)**

- Responsible for infrastructure, operations, customer/employee onboarding, training, and support.
- Hired and directed a worldwide distributed team of engineers, managers, and supervisors.
- Direct involvement with the design and deployment of the HA cloud infrastructure in AWS and Azure.
- Set KPI's, established policies, defined processes, designed workflows, and team structures.
- Key decision maker for the technology aspects of the product/service.
- Managed partnerships with large clients and strategic vendors.

12/2013 - 10/2015 **Tier 2 Senior Cloud Services Engineer, Acquia, Boston, MA (Remote)**

- Helped maintain 20,000+ AWS EC2 Ubuntu instances powering some of the world's largest Drupal sites.
- Utilize monitoring (Nagios, Munin, SignalFX) to pro-actively detect and debug platform issues.
- Ensure a 99.999% SLA by provisioning hosting environments following best practices.
- Participate in on-call rotations, every 2 months for one weekend day.
- Maintain and enhance cloud management and monitoring tools.
- Developed tooling and shell scripts to automate repetitive and complex tasks.
- Work closely with customer support and engineering.
- Suggested new incident response process and took on an informal role as a "manager in training".

07/2009 - 12/2013 **Level 3 Linux Analyst, Cpanel, Huston, TX (Remote)**

- Diagnosed, repaired application and operating system issues for cPanel customers.
- Build, modify, and troubleshoot configuration files for components of the cPanel hosting stack.
- Edit, troubleshoot email and database performance problems, errors.
- Trace, resolve DNS mis-configurations and propagation issues.

01/2007 - 07/2009 **Unix System Administrator, Virtual Sound and Motion, Naples FL**

- Remote management of systems across three data centers totaling approximately 1000+ blade servers.
- Administration of managed services, dedicated FreeBSD, OSX, and Apache/PHP/MySQL hosting platform.
- Redesign of DNS, e-mail, web hosting stacks, and setup MySQL database master-slave replication.
- Managed BIND, Postfix, and Dovecot configuration files.
- Installed Java based applications running on Tomcat and/or Jetty.
- Administration of virtual servers with VMWare vSphere.

07/2000 - 01/2007 **IT/IS Developer, Harrison Conference Center, Glen Cove, NY**

- Design of the network infrastructure, and day-to-day operations supporting the network infrastructure.
- Deployment of Linux and Windows systems for internal and guest use.
- Responsible for purchasing technology equipment, budgeting, and scheduling.
- Software development, software packaging, and deployment using AD Group Policies.
- Programmed custom purchase order software to replace paper system.
- Deployed High Speed Internet to guest and meeting rooms (brought new revenue stream to the property).
- Coordinated the installation and migration of a new IP PBX phone system (Asterisk).

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SKILLS SUMMARY

I have mastered many technology concepts and products. This is a selection of skills and experience most relevant to today's popular technologies.

Internet & Hosting

HTTP/S Web Services.

- Management of Apache 2.0, 2.2, 2.4, configuration, virtual hosting.
- PHP 5.x, mod_php, PHP FPM.
- TLS Certificate installation and management.
- URL re-writing, aliasing, redirects, regex, mod_proxy.

Postfix MTA, Dovecot IMAP.

- Postfix 2.x SMTP, virtual domains, SASL, MySQL, Active Directory.
- Anti-SPAM DNS lists, spamd, amavis-new, grey listing, DKIM, SPF.
- Dovecot, IMAP, POP3, Sieve filtering, procmail.
- Roundcube, Horde, Squirrelmail, and eGroupware web MUA's

Operating Systems

Windows OS installation & management.

- NT 4.0, 9x, 2000, XP, Vista, 7, 8, 10, Server 2000, 2003, 2008
- Active Directory, roaming user profiles, group policy, and software.
- Software repackaging (MSI) and deployment.
- Troubleshooting boot issues, errors, data recovery.

Management & administration of FreeBSD OS.

- Highly experienced with FreeBSD 4.2 thru 11.1, Ghost BSD, PC-BSD
- Ports management, old and new package tools.
- PKGNG repository creation and port development with Poudriere.
- Disk & memory optimization, recovery & troubleshooting.

Hardware & Software

TCP/IP networking, routing, switching, storage technologies.

- NETGEAR, Cisco hardware management and setup.
- Firewall appliance administration, pFSense, M0n0wall, OPNSense.
- Storage appliance administration, FreeNAS and NAS4Free.
- Troubleshoot issues using ping, dig, netstat, and traceroute.

Maintenance of server, desktop, and embedded hardware.

- Plan and build desktop computers from components.
- Install and maintain server hardware, rackmounts, blades, tower.
- Install and setup embedded hardware, imaging and programming.
- CPU, memory, hard drive, and motherboard replacement.

Virtualization, cloud computing, platforms as a service.

- Daily use of VMware Workstation, Virtualbox, and ESXi.
- Vpsphere cluster with iSCSI storage backend, vmotion.
- Amazon Web Services EC2 command line utilities and API.
- Microsoft Azure, Orange Cloud (FE), Digital Ocean.

PHP MySQL database programming & administration.

- Object oriented programming in PHP 7.x, 5.x, experience in 4.x.
- PEAR library, PECL extensions programming and management.
- MySQL 5.x, query optimization, replication.
- Highly proficient in Drupal, module and theme development.

DNS, load balancing, caching, performance optimization.

- BIND 9.x, master, slave, all zones types, dynamic DNS, named.conf.
- Troubleshoot DNS propagation and resolution.
- Reverse proxying and load balancing with HA Proxy.
- Use Varnish & Memcache (or Redis) to improve website performance.

Linux kernel OS administration & programming.

- Redhat/Centos 4-6, Fedora 1 – 26, Debain, Suse, and Linux Mint.
- Ubuntu Desktop administration and server management.
- Console tools, grep, awk, sed, package management (rpm, apt).
- Troubleshooting of performance, OS errors, and corruption.

Apple OS X management & troubleshooting.

- Experience with MacOS Classic, iOS, and OS X/macOS.
- General OS troubleshooting and core utilities.
- Apple Open Directory.
- Remote Desktop, Server Admin.

Crypto currency and blockchain technologies.

- Deep understanding of the blockchain architecture
- Very familiar with Bitcoin currency and 'Altcoins' (Zetacoin, Litecoin)
- Stratum 'mining' pool software design and server management.
- Core Bitcoin JSON RPC-API, reference daemon, and Qt GUI client

Project Management, Issue Tracking, and Communications.

- Configuration and usage of Zendesk macros, triggers, automations.
- Git, Github, and Gitlab CI/CD workflows and automations.
- Configuration of JIRA: custom workflows, screens, fields, and issues.
- Installation and maintenance of JIRA server.

Web Applications and Integrations.

- Google Apps, JIRA, Confluence, Bookstack, Gitbook.
- Integration of Zendesk, JIRA, and Slack using API's and Webhooks.
- Custom written 'bots' and integrations with multiple applications.
- Utilization of RESTful API's and OAuth based authentication.

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EDUCATION

2000	Glen Cove High School - Long Island, New York English/Mathematics/Sciences/History. Graduated with High School Diploma
2004	New York Institute of Technology BS in Electrical and Computer Engineering

KEYWORDS (in no particular order)

PHP, SSH, BASH, Shell, LAMP, FAMP, Java, syslog, Kickstart, VMWare, VCenter, ESXi, Citrix, RPM, CentOS, Ubuntu Linux, FreeBSD, Red Hat Linux, Fedora, Yum, DNS, TCP/IP, Drupal, Dreamweaver, Adobe, Netbeans, Wordpress, Ext3/4, UFS, ZFS, Apache, Bind, Tomcat, Webmin, Postfix, IMAP, Dovecot, SNMP, Cacti, CARP, HAST, Jabber, Asterisk, Subversion, Git, MS Office, OpenOffice, VNC, cPanel, Windows, Active Directory, Group Policies, MPEG, H.264, WMV, WEBM, MySQL, PKI, VLAN, VoIP, IPSEC, PPTP, SMB/CIFS, NFS, SAS, iSCSI, RAID, FreeNAS/NAS4Free, HA Proxy, MySQL Proxy, HTML, Visual Basic, Javascript, JQuery, JSON, XML, m0n0wall, pFsense, BladeCenter, IBM, Netgear, Cisco, HP, Dell, Lenovo, Firefox, Thunderbird, CalDAV, CardDAV, DaviCal, JNI, CAN BUS, K8055 USB AD Converter, MIDI, FL Studio, Sequencer, Electronic Music, Bitcoin, Crypto Currency, Stratum Mining, Altcoins, AWS, EC2, Cryptsy, Bittrex, BTCTalk.org, Coinbase, Azure, CI/CD, Devops, SRE, Gitlab, Slack, JIRA, Magento.

PROGRAMMING LANGUAGES (in order of expertise)

- PHP
- Java
- SQL
- Visual Basic
- HTML, CSS, Javascript
- BASH, tcsh (C shell)
- Python
- Rust
- C++
- Ruby

WORK/CONTRIBUTIONS/AWARDS

Programmed electrical engineering design software in Java for multinational filter production firm.
Wrote Slack chat robot to automate tasks by bridging multiple different systems through use of REST API's.
Created the "SpammerSlapper" free online anti forum spam service.
Authored the "MultiFaucet" free crypto currency dispenser PHP script.
Developed the "Simple MySQL Library" for Java.
Developed Crypto-Currency library for PHP.
Designed and wrote an application framework for PHP.
Various OSS projects, e.g., Drupal, FreeBSD, Fedora, Mozilla
Three time winner in The New York State School Music Association (NYSSMA) Electronic Music Composition Showcase.
Two time winner in Glen Cove Schools ART Reflections program music composition category.
Creator and maintainer of the FreeBSD Zetacoin crypto-currency port.

EXAMPLES AND LINKS

Github: <https://github.com/tuaris>
Fresh Ports: <http://www.freshports.org/net-p2p/zetacoin/>
Source Forge: <https://sourceforge.net/u/tuaris/profile/>
Drupal.org: <https://www.drupal.org/u/tuaris>
Stackoverflow: <http://careers.stackoverflow.com/daniel-morante>