Gary B. Genett

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- GNU/Linux (Funtoo/Gentoo, Debian)
- Scripting & automation (shell, Make, Perl)
- Performance & functional testing, development processes
- TCP/IP protocols & web applications, scalable architectures & virtualization
- F5 BIG-IP design, configuration & programming (TMSH, iControl, iRules)
- Systems integration & business requirements implementation
- Documentation: process, methodology, briefs & training
- Open source projects:

    - Composer – simple but powerful CMS based on Pandoc and Make[1]
    - GaryOS – an entire GNU/Linux system in a single bootable file[2]
    - DWM multimon – contributed multi-monitor patches to DWM[3]

February, 2015

F5 Networks, Seattle WA

New Product Introduction Engineer, 2009-Present

- Business and technical interface between product management / product development and entire global services organization (consulting, training, knowledge and support teams)
- Responsible for readiness of sales and services organizations with all new releases of products or services
- Co-focal on one of F5s most significant BIG-IP releases (v11.0.0); focal for DSC/CMI, Plugins 2.0, vCMP, TMSH & iApps
- Guided internal heuristics engine through initial stages to a maintainable and publicly available tool (iHealth)
- Special projects go-to, including first two cross-departmental, cross-functional "think tank" projects: upgrades enhancement & operations guide
- Pioneered video-based training format, decreasing cost and increasing value (higher retention in less time)
- Consistent creator/presenter of scalability/internals sessions at both sales and services international conferences
- On-site customer visits with account teams, acting as a corporate representative to close or keep business

Field Systems Engineer (Technical Sales), 2007-2009

- Assist with network architecture, planning, provisioning and operations through consultation, training, documentation, custom configurations and iRule development
- Lead technical resource dedicated to Microsoft, directly supporting thousands of BIG-IPs and one of the world's largest application environments (MSN)
- Facilitated triple in customer BIG-IP device count and quadruple in revenue with a double in account team
- Delivered first two production deployments of revolutionary BIG-IP VIPRION chassis-based architecture: Xbox Live & BOSD
- Wrote comprehensive BIG-IP monitoring integration documentation and training materials for 3rd party development team
- Reverse-engineered and automated BIG-IP product installer to provide rapid provisioning
- Ensured publicly acknowledged success with BIG-IP at MSNBC[4]

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[1] Composer on GitHub: https://github.com/garybgenett/composer
[2] GaryOS on SourceForge: http://sourceforge.net/projects/gary-os
Source code on GitHub: https://github.com/garybgenett/gary-os
[3] DWM multimon patches: http://dwm.suckless.org/patches/multimon
[4] F5 MSNBC Case Study: http://www.f5.com/pdf/case-studies/msnbc-election-day-cs.pdf
Archived for posterity: http://garybgenett.net/resume/msnbc-election-day-cs.pdf

Product Management Engineer, 2004-2006

- Expert-level knowledge of BIG-IP design, architecture and internals through hands-on testing and constant interaction with all levels of product development
- Provide consultation and guidance to the executive team, product management, product development, services and sales in regards to company vision, product direction and inter-departmental processes, based on business and technical analysis of the marketplace
- Competitive analysis, both business and technical, spanning the full range of market-awareness to specific feature differentiation, across competitors and products; maintain detailed briefing materials for use by executive team, product management and sales
- First non-management member of team, helped define role and responsibilities
- Initial performance testing, competitive analysis and development guidance integrating three acquisition products (FirePass SSL VPN, WebAccelerator and WANJet Optimization)
- Authored performance testing guide, which remains the foundation for most comprehensive L4-L7 performance testing report in the industry[5]

Network Support Engineer, 2004

- Expert-level consultation and support for BIG-IP as single point of contact for internal and external customers
- Utilize knowledge and industry-standard tools to rapidly familiarize with new environments and resolve incidents logically and efficiently
- Diffuse heated situations and provide guidance; earn customer trust and ensure confidence in product/services
- Identification of product defects and escalation to development in the form of actionable documentation
- Built first shared lab environment and created web-based checkout system for global accessibility
- Management go-to for situations requiring heightened attentiveness

MICROS Systems, Seattle WA

Implementation Specialist, 2001-2004

- Design and support mission-critical financial systems in a 24/7 environment
- Hands-on management of customer expectations and experience from pre-sales to ongoing support
- Directly responsible for largest deployments in Washington state; sole technician for UNIX-based systems
- Increased revenue and customer loyalty by developing custom solutions using shell scripting, Perl, SQL and a proprietary scripting language

exit(0);

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[5]F5 Performance Testing Guide: http://devcentral.f5.com/downloads/f5/creating-performance-test-methodology.pdf
Archived for posterity: http://garybgenett.net/resume/creating-performance-test-methodology.pdf
Comprehensive testing report (original): http://garybgenett.net/resume/f5-performance-report-UPDATED.pdf
Comprehensive testing report (current): http://www.f5.com/pdf/reports/F5-comparative-performance-report-ADC-2013.pdf