

Gary B. Genett

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- Build and manage all aspects of GNU/Linux
 - Intimate familiarity with Funtoo/Gentoo and Debian
 - Grub/Linux kernel booting and package tuning in optimized/constrained environments
- General-purpose programming/scripting and automation
 - Expertise in shell (particularly Bash), Make and Perl (LLVM + OBJECT)
 - Capable of basic implementations in C and Node.js, and some Python debugging JAVASCRIPT
 - Demonstrated ability to rapidly learn completely new languages as needed
- Systems integration and business requirements implementation
 - High-fidelity translation of challenges/problems into real-world solutions
 - Proven history of revenue/financial value from process/system optimization
- Performance/functional testing and development processes
 - Fluency in all major development models, and modern testing methodologies
 - Development team leadership/guidance, including accurate resourcing and timelines
- TCP/IP protocols and web applications, scalable architectures and virtualization
 - Fundamental understanding of OSI L1-L7 model, and several major application protocols
 - Design and implement high-performance application and network environments
- Knowledge transfer to both technical and business audiences
 - Documentation of varied types: processes, methodology, briefs, etc.
 - Training in varied forums: stand-up presentations, video-based, labs, etc.
 - Company representative to partner/customer audiences, and at industry events

F5 Networks, Seattle WA

Senior Product Management Engineer, 2015-Present

Demonstrated product leadership as business and technical interface between market/customers and rest of company, particularly product development. Assessed market and customer needs, defined and prioritized product requirements, articulated business cases and drivers to executive audience, and ultimately owned and advocated for all responsible areas of product portfolio.

- First member of new, dedicated cloud/orchestration team; brought team to full speed in under a year, amid changing company organizational dynamics and labyrinthine product history/capabilities
- Lead role in defining integrated future for complete programmability suite, identifying opportunities and gaps, prioritizing investments and evangelization at executive level
- Acting “face of programmability” for company, both internally and externally

New Product Introduction Engineer, 2009-2015

Demonstrated organizational leadership as business and technical interface between product management, product development and entire global services organization (consulting, training, knowledge and support teams). Ensured readiness of sales and services organizations in advance of all new releases of products or services, through functional testing, training and documentation.

- Co-focal on one of F5s most significant BIG-IP releases (v11.0.0); responsible for successful release of DSC/CMI, Plugins 2.0, vCMP, TMSH & iApps
- Guided 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 and operations guide (LINK)
- Pioneered video-based training format, decreasing cost and increasing value (higher retention, less time)
- Created and presented scalability/internals sessions at both sales and services international conferences
- Conducted customer visits with account teams as a corporate representative to close or keep business

Field Systems Engineer (Technical Sales), 2007-2009

Increased recurring product and services revenue as engineering representative on account team. Removed barriers to customer adoption with network architecture, planning, provisioning and operations recommendations through consultation, training, documentation, custom configurations and solution development.

- Lead technical resource dedicated to Microsoft, directly supporting thousands of devices and one of the world's largest application environments (GNS/MSN)
- Achieved triple in customer device count and quadruple in revenue with a double in account team
- Delivered first two production deployments of VIPRION chassis-based architecture: Xbox Live & BOSD
- Authored comprehensive monitoring integration documentation and training for 3rd party development
- Reverse-engineered and automated product installer to provide rapid provisioning
- Obtained publicly acknowledged success at MSNBC

Product Management Engineer, 2004-2006

Obtained expert-level knowledge of product design, architecture and internals through hands-on testing and constant interaction with all levels of product development. Provided 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. Fulfilled competitive analysis role for company, both business and technical, spanning the full range of market-level drivers to specific feature differentiation, across competitors and products. Created and maintained detailed briefing materials for consumption by executive team, product management and sales.

- First non-management member of team; defined role and responsibilities and set a standard that stood the test of time over the following 7 years
- Created initial performance testing, competitive analysis and development guidance for the integration three successive 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
- Released public-facing version of internal Perl script to SSL VPN from UNIX-like systems, along with a video demonstration of the SSL VPN process

Network Support Engineer, 2004

Provided expert-level consultation and support for BIG-IP as single point of contact for internal and external customers. Utilized knowledge and industry-standard tools to rapidly familiarize with new environments and resolve incidents logically and efficiently. Diffused heated situations and provide guidance; earned customer trust and ensured confidence in products and services. Identified product defects and escalated to product 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

Designed and supported mission-critical financial systems in 24/7 customer environments. Managed customer expectations and experience from pre-sales to ongoing support.

- Directly developed and supported largest point-of-sale deployments in Washington state; sole technician for UNIX-based systems processing millions of dollars in transactions daily
- Increased revenue and customer loyalty by developing custom solutions using shell scripting, Perl, SQL and a proprietary scripting language

Open Source Contributions

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

exit(0);

- CONSISTENCY
- BUSINESS AND ~~AND~~ TECHNICAL
- INTERNAL AND EXTERNAL