

Joe Julian

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Objective

Lead a team of engineers to automate management of large systems with diverse services and needs in an uptime critical environment on a global scale. Be able to work from home, have creative input and a strong trusting relationship with the executives. Blog about my experiences, triumphs and failures. Continue participating in the open source community through IRC, code contributions, and presentations at conventions. Help my employer be seen in the industry as a thought leader.

Skills

- Linux and other UNIX based operating systems (including Linux kernel hacking)
- Clustered Commodity Storage
 - GlusterFS
 - Ceph
- OpenStack
- Configuration Management
 - Puppet
 - SaltStack
- Programming
 - Python
 - PHP
 - Ruby
- Networking
 - Openvswitch
 - iproute2
 - systemd-networkd
 - IP v4 and v6
- Monitoring/Analysis
 - Nagios / Icinga
 - ELK (Elasticsearch, Logstash, Kibana)
- Other
 - Apache
 - nginx
 - ISC BIND
 - Cyrus IMAP
 - Cyrus SASL
 - ISC DHCPD
 - dnsmasq
 - MySQL / MariaDB
 - OpenLDAP
 - OpenSSH
 - Postfix
 - rabbitmq
 - systemd

Community

Involved with Gluster since 2009 as a community support leader on the #gluster IRC channel, bringing it from 20 people and no support to averaging 220 people with around-the-clock community provided support. We provide one of the most friendly and skilled support channels on IRC. Received the "Hacker of the Year" award in 2010 and was named to the GlusterFS Advisory Board.

Experience

Jan 2017 - Present: Rooster Park, LLC

Senior Developer

Contract position working with Samsung CNCT on K2, the kubernetes deployment tool.

June 2014 - Jan 2017: IO Datacenters

Principal Cloud Engineer

The Cloud Engineering team is responsible for advancing deployment automation and product development to provide private cloud services to data center co-location customers providing five nines reliability.

Deploy and maintain

- Gluster
- Ceph
- OpenStack
- CTDB for SMB/CIFS access to clustered storage
- Ganesha NFS

Using:

- QEMU/KVM
- Saltstack
- systemd-nspawn containers

Working remotely, maintain excellent communication with management and peers, understand and shape product definitions and strategies. Work interactively with the team to ensure success including training new team members and mentoring interns.

2007 - 2014: Ed Wyse & Co, Inc.

Sr. Systems Engineer

Responsible for datacenter servers and wide area network encompassing 27 locations with critical uptime needs. Reduced the annual IT budget by 20% by switching to more cost effective networking protocols and providers. Reduced the budget an additional 20% by implementing a voip telephone system. Introduced failover and peering redundancy for all network services. Virtualized servers using xen, but migrated to kvm for ease of management as we're primarily RHEL/CentOS shop. Implmented puppet configuration management and Icinga (nagios) monitoring.

1998 - 2007: Self Employed

Operated my own business installing, maintaining, upgrading, and providing various levels of hardware, software, training and other service and support to a myriad of customers in various industries. Sold my business because Ed Wyse & Co. needed my services enough to satisfy my requirements and hired me full time.

1994 - 1998: US Micro

On-Site Network Technician. Installed countless networks using Tokenring, ArcNet, 10base2, 10baseT, 100baseT, Appletalk, ISDN, and Frame Relay. Supported Netware (2.11+), Unixware, SCO, BSD, Linux, AIX, and Solaris servers. Supported DOS, Windows 3.0, NT, 3.1, 3.11, 2000, and XP workstations. Was self-sufficient and could be sent anywhere and expect to get the job done. Was awarded the "fire extinguisher" for being the technician that could be relied on to be "tossed into the fire" and solve the problems.

1992 - 2000: Pacific Digital Systems, Inc.

Performed all aspects of computer hardware and software service for point-of-sale systems on a piecemeal basis. Installed, upgraded, configured, and customized hardware and software. Coded restaurant management software in C++. Coded the first restaurant "bump screen" in z80 assembly. Updated software for video store management in a language similar to dbase. Left when the owner passed away.