Charles N Wyble Resume

Charles N Wyble

Senior (**Staff level**) **System Engineer/SRE/Architect** with extensive Linux/Windows/Networking/Cyber security background and experience

[Github Profile] . [Linkedin Profile] . [reachableceo@reachableceo.com] . [818 280 7059] . [Austin TX / Raleigh NC / Remote]

Projects

- Developed and implemented a process to switch thousands of desktops providing digital signage functionality from Fedora to Debian in a completely automated fashion using a custom initrd.
- Developed and implemented an internal private cloud orchestration and provisioning system for a hardware development engineering team that handled the entire provisioning lifecycle for physical and virtual systems.
- Developed and implemented standardized language and procedures and incident investigation automation for a large technical support organization with high turnover.
- Developed and implemented an automated order status and payment handling interactive voice response application using Angel.ccm with a backend web service returning Voice XML. This allows call center personnel to focus on revenue generating opportunities instead of administrative matters.
- Provided technician support to a team of electrical engineers building the power system for the radar of FrakenSAM in Ukraine. Handled high / low voltage wiring and plumbing and documentation of those systems.
- Provided root cause analysis , mitigation and remediation of security breaches by advanced persistent threat actors at high value targets.
- Project managed a successful brand new data center build from bare dirt to serving content in 86 days. Oversaw 8 billion dollars of capital deployment.
- Led and consulted tier 1 payment compliance industry (PCI) implementations for some of the worlds largest brands (including at a payment processor).

Employment History

CDK Global | Senior System Engineer | July 2024 - October 2024

Apple Computer | Senior System Administrator | March 2024 - July 2024

SHEIN.com | Staff Site Reliability Engineer | December 2022 - August 2023

3M | Senior Site Reliability Engineer | March 2020 November 2022

TippingPoint | Staff System/Network Architect | March 2012 - June 2019

HostGator.com | Automation and Escalation Engineer | March 2011 - May 2012

RippleTV | Systems Engineer | October 2008 - Jaunary 2010

Walt Disney Internet Group | Site Reliability Engineer | August 2006 - September 2007

Electronic Clearing House | Senior Linux System Administrator | April 2005 - July 2006

GSI Commerce | HPUX/Windows/Linux System Administrator | March 2002 - February 2005

ReachableCEO Enterprises | Freelancer | January 2001 - December 2024

Skills

Skill	Experience	Skil Details
Linux	22 years	RHEL/Debian/Ubuntu, kickstart, PXE, LDAP, SSSD, RPM/Deb package creation, quotas, extended permissions, clustering, linux virtual server (LVS),NFS Samba
Windows	22 years	Server (2008 2016), Windows client automated deployment (7,8,10,11), Active Directory (multi forest, multi domain, cross domain trusts, sites and services, schema extension), Exchange,Group Policy, WSUS, Certificate Services, AD DNS, AD DHCP, complex multiple forest and domain setups and Office365 integration and migrarion
Free/Libre/Open Source software	22 years	Apache, Jboss, Tomcat, Postfix, Qmail, Dovecot, Courier, Nginx, Matamo, Discourse, Wordpress, Mautic,Dolibarr, Revive, Firefly, Cloudron, Coolify, Gitea, Gitlab, GitHub, Git, Jenkins, Rundeck, N8N, Mysql,Postgresql, LetsEncrypt, ACME, cfssl, VScode

Skill	Experience	Skil Details
Cyber Security	22 years	PCI Compliance (tier 1 implementations), security hardening, audits, breach response/mitigation/remediation, AppArmor, SeLinux, Centrify, OSSEC, Integrit, Tripwire, patch and vulnerability management
Networking	22 years	Linux Virtual Server, HAProxy, Ubiquiti Unifi, Opnsense, Pfsense, HP, Cisco, Arista, Dell, DNS, DHCP, IPAM, PXE, IPS, IDS, GRE, IPSEC. Wireguard, OpenVPN, Nebula, Tailscale, RADIUS. Mostly layer2 data center/campus/access some WAN,firewall,layer3
Monitoring/Alerting	22 years	Uptime kuma, librenms, zabbix, zenoss, nagios
Virtualization	22 years	VmWare, Parallels,HyperV, KVM, Xen
Containerization	15 years	LXC, Docker,OpenVZ
Configuration management	22 years	Slack, Cfengine, Puppet, FetchApply, Ansible, Hashicorp Packer/Vault
Embedded development	5 years	Raspberry pi, arduino, seeduino, Lego Mindstorms
Programming/Automation	22 years	Bash , J2ME, PHP, Ruby, PowerShell, TCL/TK, Java
Ticket / incident / project management	22 years	Jira, ServiceNow,Redmine,RT
Git	15 years	branching, merging, multiple teams, external vendors, submodules

Skill	Experience	Skil Details
SRE	4 years	Grafana, Promethus, Signoz, Wazuh
LLM	2 years	OpenWebUI, Apple Silicon, QA/validation, RAG, data cleaning/prep