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# Charles N Wyble Resume

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November 27, 2024

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## Charles N Wyble

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

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### Skills

- **Linux** (22 years) : RHEL/Debian/Ubuntu, kickstart, PXE, LDAP, SSSD, RPM/Deb package creation, quotas, extended permissions, clustering, AppArmor, SeLinux, Centrify, Tripwire, Integrit, OSSEC.
- **Unix** ( 5 years) : HP/UX/Solaris
- **Windows** (22 years) : Server (2008 - 2016), Windows client automated deployment (7,8,10,11), Active Directory, Group Policy, WSUS, Certificate Services, AD DNS, AD DHCP, complex multiple forest and domain setups, LDAP
- **Free/Libre/Open Source Server software** (22 years) : Apache, 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
- **Cyber Security** (22 years) : PCI Compliance, security hardening, audits, breach response and mitigation, 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** (22 years) : Uptime kuma, librenms, zabbix, zenoss, nagios
- **Storage** (22 years) : NFS, Samba, CIFS, Netapp, ZFS, True/Free NAS, 3par, MSA, Equallogic, EMC, generic iscsi
- **Virtualization** (22 years) : VmWare, Parallels,HyperV, KVM, Xen
- **Containerization** (12 years) : LXC, Docker
- **Configuration management** (22 years) : Slack, Cfengine, Puppet, FetchApply, Ansible, Hashicorp Packer/Vault
- **Embedded** (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 etc.
- **LLM** (2 years) : OpenWebUI, Apple Silicon, QA/validation, RAG, data cleaning/prep etc.

- **Current growth/learning focus** : Prometheus, Grafana, CI/CD, GCP, AWS, Azure, Kubernetes, Helm. Also Saylor.org MBA program.

## Projects

- Fedora to Debian field switch
  - #todo Flesh this out with details of switching several thousand systems from Fedora to Debian
- Datacenter buildout in 86 days for 8 billion dollars
  - #todo Flesh this out with how I managed this project
- Global AD build out/PCI compliance
  - #todo Flesh this out with how I managed this project
- ECH massive vertical scale server build out
  - #todo Flesh this out with how I did cool things and stuff
- other cool project (go through CV to find) #todo
  - #todo Find and flesh out

## Work history

- **CDK Global Senior System Engineer** July 2024 - October 2024
  - Worked with Hashicorp Packer/Vault and VmWare to create RHEL9 image and fully automated installation process.
  - Performed a number of security vulnerability remediations end to end from initial report to gathering proof of remediation.
- **Apple Computer Senior System Administrator** March 2024 - July 2024
  - Extensive change management across P0/P1 systems and incidents with CEO level visibility.
  - Improved the on-boarding and core day to day procedural documentation for the team.
- **SHEIN.com Staff Site Reliability Engineer** December 2022 - August 2023
  - Provided comprehensive project management/implementation expertise in migrating SHEIN.COM US business to US owned/operated systems.

- Improved the on-boarding and core day to day procedural documentation for the team.
- Did extensive work with self-hosted/internal LLM to provide a unified knowledge access experience for a diverse, global, multi lingual, multi modal workforce.
- **3M Senior Site Reliability Engineer** March 2020 - November 2022
- **Dell Residency Resident System/Network Expert** October 2019 - March 2020
- **TippingPoint Staff System/Network Architect** March 2012 - June 2019
- **HostGator Automation and Escalation Engineer** March 2011 - May 2012
- **RippleTV System Engineer** October 2008 - January 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 HPUNIX/Windows/Linux System Administrator** March 2002 - February 2005

## Education

High School Graduate