

### **Offering:**

Dedicated System Administrator with a wide experience of computerized systems. Skilled in designing, building, administering and running information systems.

My goal is to improve and automate systems, making them do all the work, so that people don't have to.

### **General Skills:**

- \* Linux administration including Hardware, Networking, Security, Configuration-Management, Monitoring, and Systems-Architecture/Design
- \* Experience with Docker, Swarm, Ganeti, Kubernetes, pfSense, WireGuard/OpenVPN VPNs, Version Control, MailServers, Nagios, Grafana, Apache/Nginx WebServers, LVM, Virtualization, Infrastructure, Automation, Storage, Debian/CentOS/RedHat/Arch/FreeBSD Distros, AWS Glacier/Deep-Archive, Scripting, Databases, Technical Support for both Internal and External Users, Disaster-Recovery and Backups, SBCs, Bind/NameD DNS, Containerization, Reverse Engineering

### **Work Experience:**

Accretive Technology Group

December 2012 - Current

#### **Linux Systems Administrator**

Key Accomplishments:

- \* Lead Internal Operations Team working on monitoring, intrusion detection, backups, reports, User management, and general server installation and maintenance
- \* Architected two different backup systems utilizing large storage arrays, tapes, and AWS Deep-Archive/Galcier, totaling 9 PB
- \* Team-Building including remote and local game-nights, team events, documentation, training, and general assistance to members of the team
- \* General System Administration, configuration-management, security and monitoring of over 3000 systems
- \* Security including firewalls, ACLs, and implementation of a WireGuard VPN system
- \* Scripting various reports, creating systematic fixes, and designing systems, both computerized and noncomputerized
- \* Helped customers with backups, upgrades, installs, and monitoring

### **Home Experience:**

- \* Various LAMP-systems to emulate a virtual "Business Environment". This lab is used to experiment and learn new systems, tools and methods.
- \* Code-Samples available at [code.thekeyel.com](http://code.thekeyel.com)
- \* Home Automation using Virtualization, SBCs, and pfSense networking equipment
- \* Misc Development and Administration including: Kubernetes, Containerization, Grafana/Victoriametrics, Motion, IRC, Webservers, Mailservers, AI, shell-scripting, configuration-management, backups, automation, redundancy, webapps, and generally making my life easier

### **Education:**

- \* Moorpark College - Associates Degree: General Liberal Arts and Science