

## **Offering:**

A love of managing systems with a focus on automation. Experience with 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.

## **Key Accomplishments:**

- \* Lead an Internal Operations Team focused on monitoring, intrusion detection, backups, reports, general systems cleanup, and User management
- \* Designed a large backup system, utilizing storage arrays, tapes, and AWS Deep-Archive/Glacier. Over 100 PB of data stored
- \* Designed a Disaster-Recovery system with automated restores to staging and test systems
- \* Reverse-Engineered X-ray machines, CT-Scanners, and MRI machines for maintenance and repairs
- \* Self-hosting my email, website, IRC, AI projects, and various other systems for over 15 years

## **General Experience:**

- \* General System Administration, hardware, networking, scripting, config-management and monitoring of over 3000 systems
- \* Experience with containers and container orchestration, virtual machines, firewalls, version control, mail-servers, metrics graphing, Apache/Nginx web-servers, automation, databases, DNS, Debian/CentOS/RedHat/Arch/FreeBSD Distros, AWS Glacier/Deep-Archive, technical support for both internal and external users
- \* Scripting various reports, creating systematic fixes, and designing systems, both computerized and non-computerized
- \* Team-Building including team-events, documentation, training, and general assistance to teammates
- \* Security monitoring and management including firewalls, ACLs, VPNs, and intrusion-detection systems

## **Work Experience:**

### **Accretive Technology Group**

December 2012 - Current

Linux Systems Administrator

### **Masterplan/Aramark**

April 2006 - November 2012

Help Desk/Desktop Support/Unix Engineer/DBA

## **Home Experience:**

- \* Code samples available at [code.thekyel.com](http://code.thekyel.com)
- \* Self-hosting over 15 servers and 17 containers
- \* Networking with OPNsense, pfSense, OpenWRT, OpenVPN and WireGuard
- \* Email, web-servers, AI, databases, virtualization, container orchestration, and config-management
- \* Security with motion detection and alerting

## **Education:**

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