Oliver Kelly

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About Me

I'm a father, Husband & technology enthusiast with a keen interest in automation and the DevOps methodology. I also have a passion for powerlifting and strength training amongst other things. Including self-hosting my own infrastructure, blogging, bonsai, and gaming.

I'm also a Linux and Opensource advocate and sponsor a couple of Opensource Projects/Maintainers of Opensource projects.

I am driven to constantly improve and to be a better version of myself, I enjoy reading and learning new things, I always want to know how things work and have a keen attention to detail.

Strengths

- Broad understanding of many technologies
- Teamwork
- Logical thinker
- Enjoy problem solving.

Experience

THG - The Hut Group ~ 7 years (2015-Present)

Junior Linux Engineer (2022-Present)

My role as a junior Linux engineer is to support the Linux team in managing the Linux services and Linux virtual machine estate.

These includes things such as:

- Managing Linux servers
    - Patching and package management (Foreman)
    - OS Lifecycle
- Monitoring platform (Zabbix)
- 3rd Party SFTP platform
- Password/Secret Management service (Hashicorp Vault)
- Internal DNS (PowerDNS)
- Linux Authentication service
- Certificate and PKI services
- Troubleshooting user issues

As a junior engineer my primary role is BAU tasks such as tickets and IM/Email queries and troubleshooting along with monitoring the Linux infrastructure and assessing alerts and resolving them.

Technologies I use frequently:

- Ansible
- Docker
- Kubernetes
- Terraform
- VMware

- Stackstorm
- GoCD
- Git
- Hashicorp Vault
- AWX

DataCenter Engineer/IT Infrastructure project engineer (2018-2022)

My main role as Datacentre Engineer is to maintain the DCIM of our Datacentre, complete regular backup tape swaps, install network and server equipment and do regular PCI Wireless audits. This accounts for about 10% of the role. The BAU side of being a datacentre engineer is to monitor all site UPS/PDU infrastructure as well as local data cabling and to support the local facility with additional data where required along with improvements and documentation.

The major portion of the role has evolved to include a large percentage of construction projects and being the IT Lead for them. The largest project I have been involved in has been the latest THG ICON Studios and Office space, which is part of THG's $1b development around Manchester Airport which is set to bring in 10,000 employees. My specific involvement was to work with M&E contractors to assist in CAT A design works for ducting, Containment and Power. Then to work closely with M&E contractors and internal THG teams for CAT B design works and requirement gathering as well as co-ordinating fit out, testing and IT infrastructure

The main design elements include:

- Designing Server & Comms rooms
- Power, Lighting & Construction
- Data & Voice design
- Wireless design
- UPS and Cooling design

- Physical network layout
- Patch schedules
- Fibre Schematics
- IT Specifications of passive infrastructure

With the construction projects we work with RIBA stages 1-6, we work closely with the projects team and contractors, there is a large element of contractor co-ordination and design workshops to ensure our requirements and specifications are met. Snagging is a large part of the construction phase to ensure the specification is being met and best practices are being followed as per specification.

Projects

- ICON Studio & Office
- THG Carpark
- ICON 3 & 4
- DC Refresh 1&2

- Hangar 7 Portugal
- Media City
- 4M & Voyager
- Poland Warehouse

Warehouse IT (2015-2018)

My main role as Warehouse IT engineer was to help maintain the IT infrastructure within the warehouses and to support roughly 2000 users, our team have successfully dilapidated 4 manual warehouses and deployed and kitted out a ~685,500 sq. Ft semi-automated warehouse which included a food production site. I managed the MDM platform for 500+ mobile devices and tablets, help deploy and maintain the VDI infrastructure in the warehouse as well as plan and develop improvement projects for the warehouse and operations team, these projects were designed to increase productivity, reduce cost and or help develop the workflow.

During my time as a Warehouse IT engineer, I stepped into a team leader role while our manager was deployed to another department. This involved managing our team's workload, planning, and deploying for production site, as well as handling BAU requests and escalations. During this period out of hours work was vital as the warehouse went 24/7, I had to manage the on-call rota and work outside of contracted hours to ensure upkeep of operations.

Technologies

- LDAP
- Windows servers 2008-2012
- Active Directory

VDI
- DHCP
- Printers inc label printers

Projects

- Peak Planning 2016-2018
- SOTI MDM
- COLOS Label Server

CPW - Carphone Warehouse (2021-2015)

My role as a Counterintelligence Agent (CIA) is to be the front line of technical support for Geek Squad within Carphone Warehouse. The main duties are to provide technical support and assistance to clients with their technology, be it mobile, tablet or desktop. Work as part of a team and to aid training of colleagues of the latest and greatest in mobile technology to provide them with the key selling points of new handsets to be able to reach our target as a store. Geek Squad pride themselves on offering a premium service and the mission isn't complete until the client is happy. Whilst working as a CIA I have repaired and rebuilt laptop and desktop computers, set up home networks, diagnosed and repaired virus ridden computers as well as teaching clients to use and understand their devices.

Qualifications

- Data Center Certified Associate
- IPAF- *Expired*
- Health and Safety L1
- CITB CSCS Labourer

- IOSH Managing safety.
- Bsc Hons Computer Games Technology - LJMU - 2008-2011
- Microsoft Azure AZ-104 (In Progress)