

DUDLEY BURROWS

OCTOTECH LIMITED

<https://dudleyburrows.com>

<https://octo.tech>

+353 (0)89 224 0084

dudley@octo.tech

PROFILE

An enthusiastic and professional Linux and Unix infrastructure engineer and systems administrator. Highly motivated and pro-active with an exceptional level of technical expertise. Extensive experience working in highly regulated and security focused environments. Passionate about system and personal security, data privacy, civil liberties, and an advocate of Free and Open Source Software (FOSS).

KEY SKILLS

- Experience on various Linux and Unix operating systems, specialising in Red Hat Enterprise Linux
- Security and automation mindset with a focus on immutable infrastructure
- Enthusiasm for community knowledge sharing
- Support and maintenance of highly available, critical systems
- Analytical with attention to detail; regularly dealing with various complex technical problems, prioritising to ensure effectiveness against deadline dependant issues

CAREER HISTORY

OCTOTECH

Linux Systems Consultant Jul 2019 - present

Fujitsu Aug 2023 - present

- Introduced infrastructure configuration and management using Ansible and AWX deployed on Kubernetes
- Deployed Gitea software control service on Kubernetes
- Developed custom infrastructure-as-code to aid in automation of Linux environment management
- Supported high priority incidents across multiple clients and industries
- Provided day to day support for Linux and Solaris infrastructure

Atos Mar 2023 - Aug 2023

- Developed Ansible code for the migration of systems from RHEL7 to RHEL8
- Created Ansible roles for the collection of facts to import into CMDB tool

Renaissance Reinsurance Mar 2020 - Dec 2022

- Crafted CIS review scripts and Ansible playbooks to comply with security auditing
- Developed automation of system configuration and patching processes using Ansible and AWX
- Utilised Terraform to build cloud (AWS) infrastructure
- Automated install of security tools on Linux systems (Nessus, MDATP)
- Designed and implemented new Production Hashicorp Vault clusters

Global Payments

Jul 2019 - Mar 2020

- Provide day to day support for a large Linux Server estate
- Developed DNS failover automation script using third party DNS provider's API
- Deployed Kubernetes clusters in Azure using AKS engine
- Supported high priority application incidents using real-time data through ElasticSearch, Logstash, and Kibana

WARD SOLUTIONS

Linux Engineer

Mar 2017 - Jul 2019

Citywest Business Campus, Dublin

- Carried out technical lead roles on a number of incidents of high severity for a range of customers
- As a Cloud Technical Engineer for our internal support moved various services and platforms to Azure, including the company website
- As part of a large ongoing project implemented an extensive, dynamic Ansible configuration management solution to allow for control and assurance on multiple environments
- Encouraged the development of a company knowledgebase for information centralisation and improvement of knowledge transfer
- Helped roll out the use of automation tools and methods for the company's internal Linux estate regarding patching, user account administration, and engineer system access

CSC SCIENCES

Linux/Unix Engineer

Jun 2013 - Mar 2017

Gloucester and London

- Designed an automated Virtual Machine provisioning solution for VMWare vSphere with Python to automate provisioning for Linux and Windows systems
- Enhanced current configuration management system using Puppet
- Successfully designed and implemented a Python based website to assist with checking multiple applications from one webpage to improve work efficiency. Applications include DNS, SSH, Opsware, VSphere, and LDAP

HM FORCES, ROYAL AIR FORCE

Eng Tech EL / CIS Tech

Dec 2003 - Jun 2013

I joined the Royal Air Force in 2003 and after completing an 18 month training course I began working as an IT Maintenance Support technician at RAF Lossiemouth. My responsibilities included the repair and configuration of all Information Systems (IS) equipment, license control, and system administration to the station. I then transitioned to the Airfield Communication and Navigation Equipment team, maintaining the core Air Traffic equipment required for a 24 hour airfield. In 2009 I completed a deployment to Camp Bastion, Afghanistan. Upon promotion I led a team implementing the Defence Information Infrastructure (DII) system until relocating to the MOD's Global Operations Security Control Centre (GOSCC).

AFFILIATIONS

Member of the Electronic Frontier Foundation Associate member of the Free Software Foundation
Member of Mensa Royal Air Force veteran