RICHARD JONES

Name:	Richard Jones	*Nationality:*	Sole British Nationalal
Address:	Maidenhead, Berkshire	*Company:*	Junix Systems Ltd
Mobile:	+44 7843 588 599	*Email:*	contracts@junix.systems
		NSV Status:	Active Clearance

Senior Linux infrastructure and security engineer with 20 years' commercial experience across defence, financial services, air traffic, higher education, technology and automotive environments. Specialises in Red Hat and Debian platforms, infrastructure automation, OpenLDAP and identity services, security hardening, virtualisation and complex service migrations. Consistently retained or extended by clients, with all but two contracts extended during the past 15 years. Available immediately for contract assignments.

Unix:	RHEL/Rocky, Debian/Ubuntu, FreeBSD, Solaris; Windows Server 2022 Integration
Automation and Infrastructure:	Ansible, CFEngine, Terraform, cloud-init, Puppet, Packer, Git, Jenkins
AWS:	EC2, S3, RDS, Route 53, ELB, IAM, CloudWatch, Lambda
Identity and Security:	OpenLDAP, SSSD, Kerberos, PKI/X.509, EAP-TLS, YubiKey, CIS Level 2 Hardening, DISA STIG, Nessus, ModSecurity/OWASP CRS **https://www.hardenize.com/report/junix.systems**
Core services:	DNS/DNSSEC, DHCP, NFSv4, SMTP, Apache/NGINX, MySQL, Samba
Virtualisation and Storage:	QEMU/KVM, VMware, ZFS, LVM, RAID-Z, Bhyve
Scripting:	Bash, Python
Certificates:	**AWS Solutions Architect Associate**
	RHCE (RHEL 5), score 100%

EXPERIENCE

Senior DevOps Engineer *Feb 26 - Oct 26*
Sopra Steria / DSTL: Porton Down, SP4

Porton Down is a highly restricted UK government science campus that researches and tests defences against chemical and biological weapons.

- Designed and deployed Linux virtual machine hardened images across the estate
- Further details are prohibited under the Official Secrets Act

Senior Infrastructure Engineer *Aug 2025 - Dec 2025*
SiXworks: Farnborough, GU14

- Deployed multi-component vulnerability scanning and management in a secure environment
- Built and deployed CIS level2-hardened Linux image across the enterprise
- Fully documented each step of build and deployment processes

Linux SME Engineer *Feb 2025 - May 2025*
NATS (National Air Traffic Services): Fareham, PO15

- Provided technical content and structure for intermediate and advanced Rocky/Red Hat Linux course
- Consulted on Bash scripting course with tutorial examples
- Updated fundamentals Red Hat/Rocky Linux course covering the basics

Senior Web Operations Engineer *Sep 2024 - Jan 2025*
The National Trust: Swindon, SN2

- Managed software and database deployments of primary e-commerce site, coordinating multiple teams
- Implemented AWS key rotation across the estate
- Improved email deliverability with SPF record analysis, and Fastly integration

Senior LDAP Engineer *Nov 2023 - Jun 2024*
Klarna Bank AB: Stockholm

- Supported global LDAP directory; Rationalised OpenLDAP build process
- Built Red Hat/Amazon Linux images for LDAP infrastructure with cloud-init and Ansible
- Maintained CI/CD pipelines (Jenkins) AWS infrastructure

Senior Linux Engineer *Jun 2022 - Nov 2023*
Arm Holdings plc: Cambridge, CB1

- Rationalised and flattened global LDAP group structure (OpenLDAP)
- QEMU sandboxed LDAP servers & Python scripting to programmatically deliver the above
- Responsible for 4 x 10,000 node Red Hat/Rocky HPC clusters rendering and verifying chip design
- Migrated Puppet configuration management to Ansible
- Designed and rebuilt global Exim mail clusters

Senior Linux Engineer *Mar 2022 - July 2022 (Aug 2024)*
Medical Research Council (Biostatistics): Cambridge, CB2

- Rebuilt and rationalised LDAP directory and ancillary services
- Automated VM generation with cloud-init; Re-engineered NFS/AutoFS with NetApp
- Migrated and merged MySQL research databases
- Continued to provide ad hoc, out of hours, and migration support until Aug 2024

AWS DevOps Engineer *Jan 2022 - Mar 2022*
Department for Work and Pensions (Universal Credit): London, SW1H

- Managed large multi-account AWS estate with Terraform, services deployed with GitLab onto Nomad
- Service discovery and secrets provided with Consul & Vault

AWS DevOps Engineer *Jun 2021 - Oct 2021*
JRNI (BookingBug): London, EC2Y

- Migrated staging, development and much of the production platform to AWS Nitro
- Scripted the above with Python Boto3 and Ansible

Senior Systems Engineer *Sep 2020 - Apr 2021*
Nominet UK: Oxford, OX4

- Looked after front facing corporate website and web-based whois
- Rebuilt all environments with Ansible and VMware
- Responsible for Linux security fixes, patching, SSL ciphers, pen-testing

DevOps Systems Engineer *Sep 2019 - May 2020*
Elsevier: Kidlington, OX5

- Large modular Terraform estate, deployed with Ansible
- Created Jenkins pipelines for Packer immutable images

DevOps Systems Engineer *Aug 2018 - Jul 2019*
Cobalt Telephone Technologies (RingGo): Basingstoke, RG24

- Lead Linux technical contact for ongoing PCI/DSS projects
- Supported Terraform provisioned AWS/Docker development builds

Senior Systems Engineer *Oct 2017 - Mar 2018*
Oracle Cloud Operations: Thames Valley Park, RG6

- Supported Oracle's Linux and Solaris Cloud Infrastructure
- Services deployed using Ansible

Linux Security Consultant *Jul 2015 - Jun 2017*
The University of Reading: Whiteknights, Reading RG6

- On site Linux Security Consultant, deployed ModSecurity with OWASP CRS anomaly scoring
- Hardened OpenLDAP directory and rationalised structure
- Automated build of Red Hat and Ubuntu virtual machines
- Represented IT at the most senior level in handling security breach

Senior Systems Administrator *Jul 2014 - Jun 2015*
Formula E Operations: Hammersmith, London W6

- The outdoor nature of the events presented significant infrastructure challenges
- Designed and built 24-rack data centre for live race telemetry under fixed international event deadlines
- Managed trackside Aruba Wi-Fi and networking at races in Beijing, Malaysia, Argentina, and Uruguay

Senior Systems Administrator *Oct 2013 - Jan 2014*
Redbee Media (Access Services): Ealing, W5

Senior Systems Administrator *Jun 2013 - Sep 2013*
Rank Interactive: Victoria, SW1P

Senior Systems Administrator *Jan 2013 - Jun 2013 (Jan 2016)*
My Wealth Cloud: Beaconsfield, HP9

Senior Systems Administrator *Mar 2012 - Sep 2012*
Oxford University Computer Services: Oxford, OX2

Senior Systems Administrator *Apr 2011 - Nov 2011*
OpenBet Technologies: Chiswick, W4

EDUCATION

MA (Hons) Philosophy & Linguistics 2:1
The University of Edinburgh, EH8

Four year joint Master's degree in the Scottish capital.

INTERESTS

- I like to stay in shape. Once a Scottish Universities boxing medallist, a 5th Light Infantryman, I now enjoy swimming, cycling and hiking.
- I previously attempted to summit Aconcagua, the second of the world's seven summits, reaching 6,000m. I hope one day to return.