RICHARD JONES

Name:	Richard Jones	*Company:*	Junix Systems Ltd
Address:	Stables Cottage, Altwood Road		Registration № 0735 7477
	Maidenhead, Berkshire SL6 4PF		VAT № GB 2321 85724
Mobile:	+44 7843 588 599	*Email:*	contracts@junix.systems
Nationality:	British from birth	*NSV Status:*	**Security Cleared (SC)**

Linux Subject Matter Expert with 25 years of commercial experience in sectors including higher education, technology, automotive, and gaming. Highly proficient in administration, virtualisation, automation, and scripting in dynamic environments. Extended in all but two contracts for the last 15 years. Available immediately for remote contract opportunities.

OSes:	RedHat/Rocky, Debian/Ubuntu, FreeBSD, Solaris, macOS
DevOps:	cloud-init, Git/Bitbucket, QEMU/KVM, CFEngine, Terraform with AWS (EC2, S3, RDS, Route53, ELB, IAM, CloudWatch, ELB, λ functions), Ansible, Puppet, Jenkins, & exposure to Docker
Networking:	TCP/IP and IPv6 (RADVD), 802.1q VLANs, IPSEC VPNs, DNS(SEC), DHCP
Network Services:	OpenLDAP, NGinx/Apache2, NFSv4, Email (Postfix, Sendmail, Exim4, DKIM, DMARC, SPF, Dovecot IMAP), MySQL, Tomcat, SSH, LVS, Samba, Nagios
Security:	ModSecurity, OWASP CRS, PCI/DSS Compliance, Kerberos, Packet filtering with *BSD pf & Linux IPTables, PKI, X.509 Certificates and Let's Encrypt, DANE & SSHFP, SSSD, GnuPG, Duo & Yubikey 2FA
Additional:	IPv6, ZFS & RAID-Z, LVM, VMWare, LaTeX, RT, Jira, DocBook, Wikis
Languages:	Bash, Intermediate Python scripting, familiar with Perl & Prolog
Certifications:	**AWS Solutions Architect Associate**
	RHCE 5 (100%)
	https://www.hardenize.com/report/junix.systems

MA (Hons) Philosophy & Linguistics 2:2   **1995 - 1999**
The University of Edinburgh   *South Bridge, EH8*

Dissertation topic title: *"Comparison of Sentential Negation in Contemporary Romance Languages"*.

- Artificial Intelligence
- Cognitive Science
- Formal Logic
- Ancient History
- Advanced Phonology
- Advanced Syntax
- Ancient Hebrew
- Semantics
- Epistemology
- Metaphysics
- Ethics
- Phonetics

NATS   **Feb 2025 - TBC ~ Apr 2025**
Linux SME Engineer   *Fareham/Remote*

NATS provide air traffic controls services to all major UK airports. This is a short contract due to end in April to provide expert consultation on the content and structure of training courses for air traffic control engineers:

- Provided content and structure intermediate & advanced Rocky/RedHat Linux course
- Consulted on Bash scripting course with tutorial examples
- Updated fundamentals RedHat/Rocky Linux course covering the basics
- Passed UK NSV Security Clearance

The National Trust   **Sep 2024 - Jan 2025**
Senior Web Operations Engineer   *Heelis/Remote*

Managed EKS and Linux VM estate powering the Trust's web operations
  • Managed deployments or primary e-commerce site, coordinating with multiple teams
  • Improved email deliverability with SPF record analysis, and Fastly integration

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

Klarna provide payment processing, especially buy-now-pay-later for the e-commerce industry.
  • Supported global LDAP directory; Rationalised OpenLDAP build process
  • Built Rocky/Ubuntu KVM images for LDAP infrastructure with cloud-init and Ansible
  • Maintained CI/CD pipelines AWS infrastructure

Arm Holdings plc   **Jun 2022 - Nov 2023**
Senior Linux Engineer   *Cambridge/Remote*

Arm design CPUs found in mobile phones and increasingly low power high throughput servers. (as well as my old BBC Micro)
  • 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 RedHat/Rocky HPC clusters rendering and verifying chip design
  • Designed and rebuilt global Exim mail clusters

Medical Research Council (Biostatistics)   **Apr 2022 - Jun 2022 (Aug 2024)**
Senior Linux Engineer   *Cambridge/Remote*

The MRC BSU (Cambridge University) collates data for health professionals and the scientific community.
  • Rebuilt and rationalised LDAP directory and ancillary services
  • Automated VM generation with cloud-init; Re-engineered NFS/AutoFS with NetApp
  • Continue to provide ad hoc, out of hours and migration support

Department for Work and Pensions (Universal Credit)   **Jan 2022 - Mar 2022**
AWS DevOps Engineer   *London/Remote*

JRNI (BookingBug)   **Jun 2021 - Oct 2021**
AWS DevOps Engineer   *London/Remote*

Nominet UK   **Sep 2020 - Apr 2021**
Senior Systems Engineer   *Oxford/Remote*

Nominet administer all .uk domains and are responsible for many other GTLDs.
  • Looked after front facing corporate website and web-based whois
  • Rebuilt all environments with Ansible and VMWare
  • Managed Staff OpenLDAP directory
  • Responsible for Linux security fixes, patching, SSL ciphers, pen-testing

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

Web applications were fully cloud-based using EC2, S3 & RDS backed, load-balanced with ELB, Route53, Access through IAM, managed with Terraform.
  • Large modular Terraform estate, deployed with Ansible
  • Created Jenkins pipelines for Packer immutable images

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

Ocean Mind   **Mar 2018 - Jul 2018**
DevOps Engineer   *Harwell Campus, OX11*

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

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

Core Systems provide crucial IT infrastructure across campus for students and staff.

- On site Linux Security Consultant, deployed ModSecurity with OWASP CRS anomaly scoring
- Hardened OpenLDAP directory and rationalised structure
- Automated build of RedHat and Ubuntu virtual machines
- Upgraded core systems to Ubuntu 14.04, using CFEngine and Puppet
- Represented IT at the most senior level in handling security breach

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

The outdoor nature of the events presented significant infrastructure challenges with tight deadlines.

- Designed and built 12 rack datacentre hosting race telemetry data
- Automated install of Java (Tomcat/Jetty) web-based microservices, MySQL, RabbitMQ
- Managed trackside Aruba Wi-Fi and networking at races in Bejing, Malaysia, Argentina, and Uruguay

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

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

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

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

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

Cisco Systems (Communication and Collaboration)   **Aug 2010 - Apr 2011**
Senior Systems Administrator   *Feltham, TW14*

Net-A-Porter   **Jan 2007 - May 2010**
Senior Systems Administrator   *Queensway, W2*

My last permanent role administering the front and back end Linux systems.

- 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.

- Nine months travelling in South America increased the fluency of my Spanish, I have begun learning Russian and Valencian.

- I'm learning the piano again, having previously reached Grade VIII