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## Professional Experience

*Oct 2015 - Present* • **Box+Dice** • Bratislava, Slovakia

Box+Dice provide a unique software platform for real estate businesses allowing them to manage property portfolios, clients, marketing and management in realtime. With over 250 clients across the Oceania region, Box+Dice leverage cutting-edge software and cloud solutions to provide flexible solutions for client success.

### Senior Systems Engineer

*Skills* : • XenServer, Xen, Docker • Debian/Ubuntu Linux • nginx • MySQL/MariaDB • RabbitMQ, Redis, MySQL/MariaDB, PostGres • Jenkins • Bash, Ruby, Ansible • Ansible/Docker • HP Proliant • Netgear ReadNAS • Amazon AWS, EC2 • CloudFlare • CloudFront • Logging/Reporting, Availability, Security, Performance

- Lead systems engineer in a DevOps environment responsible for automation for continuous delivery and maintaining technical operations and availability of the platform.
- Working closely with systems, development, support, customers to triage issues, expedite change, inform process engineering, improve documentation/automation, etc.
- Involved in research and prototyping of technologies (Public Clouds, Containerization, Realtime Logging/Monitoring, etc) to solve common problems, increase efficiency and reduce costs.

*Jul 2010 - Aug 2015* • **Citrix Systems UK Ltd** • Cambridge, United Kingdom

Citrix solutions power business mobility through secure, mobile workspaces that provide people with instant access to apps, desktops, data and communications on any device, over any network and cloud. With annual revenue in 2014 of \$3.14 billion, Citrix solutions are in use at more than 400,000 organizations and by over 100 million users globally.

### Senior Software Engineer in Test, Quality Assurance, Enterprise Desktop and Apps.

*Skills* : Citrix CloudStack/CloudPlatform • XenServer/Hyper-V/ESX • Citrix XenDesktop • Windows Server 2008/2012/2016 • Windows XP/Vista/7/8.x/10 • SQL Server 2008/2012 • Debian/CentOS Linux • Puppetlabs Razor/iPXE • PowerShell • Perl, Bash, Ruby • Dell Compellent • HP StorageWorks • Cisco Nexus, 2960s/g/x • HP Proliant, Dell PowerEdge

- Designer/DevOps engineer of the private cloud (based on [Citrix CloudPlatform/XenServer](#)) used as a deployment platform to facilitate QA activities of 65+ internal teams.
- Involved in the design, development and provisioning of self-service dev/test environments for integration and regression testing using technologies across the stack (cloud resources, virtual machines, hypervisors, storage and networking, applications and profiles). Also involved in setting up the backend for customer demos/roadshows e.g. [Citrix Summit](#).
- Member of the core automation team whose remit it is to develop and support the internal test automation framework that underpins quality assurance strategies of the [Citrix Desktop and App virtualization](#) suites. Development lead for the Perl components of the framework to support Linux and Mac end-points.
- Other activities included support, triage and troubleshooting of, often complex, issues in infrastructure and test environments; application of agile methodologies to evolve both code and infrastructure, procurement and lifecycle maintenance of hardware and software, technical training, etc.

*May 2007 - Dec 2007* • **Crystal Amusements Ltd** • Leicester Square, London, United Kingdom

### Support Engineer/Systems Administrator

*Skills* : Hardware/Software Administration and Troubleshooting, Staging and Rollouts, Network Administration - NetGear Switching, DHCP/DNS, Caching Proxies, Windows XP/2003, Linux, Norton Ghost, Customer Support.

- Responsible for the technical operations of 90+ internet kiosks, printers, scanners and fax solutions, etc.
- Managed the staging of software and hardware rollouts, regular backups, maintenance and security.
- Other activities included customer support, triage and troubleshooting, technical training, etc.

*Jan 2007 - May 2007* • **Sterling Limousines (UK) Ltd** • Richmond, Surrey, United Kingdom

### LAMP Developer, Perl/PostGres

*Skills* : Perl, Apache/mod\_perl, Postgresql 8, Debian Linux, xHTML, CSS, Prototype JS, Bash, Mercurial

- Developed an online presence and booking system for integration with other management systems.

Aug 2002 - Oct 2006 • **Freelance IT Engineer** • Greater London Area, United Kingdom

#### IT Contractor

**Skills** : Enterprise workstation migrations, LAN Design and Implementation, Hardware/Software roll-outs, Single-Page websites/DTP, Windows XP/2003, Active Directory.

- Freelance engineer and developer of bespoke IT solutions providing support and consultancy for SOHO business (estate agents, solicitors, accountants, etc).

#### Technical Experience

Scripting	<a href="#">Powershell/.NET</a> , <a href="#">Bash/POSIX Shell</a> , <a href="#">Perl</a> , <a href="#">Ruby</a> , <a href="#">Python</a> , <a href="#">Javascript</a> , <a href="#">Java</a> , <a href="#">C</a>
Markup	<a href="#">JSON</a> , <a href="#">YAML</a> , <a href="#">HTML</a> , <a href="#">XHTML</a> , <a href="#">XML</a> , <a href="#">CSS</a>
Operating Systems	<a href="#">Debian/Ubuntu</a> , <a href="#">RHEL/CentOS</a> , <a href="#">SuSe/OpenSuSe</a> , <a href="#">Microsoft Windows Server 2003/2008/2012/2016</a> , <a href="#">Windows XP/7/8/8.x/10</a> , <a href="#">FreeBSD 9/10</a>
Networking	<a href="#">TCP/IP (IPv4 &amp; IPv6)</a> , <a href="#">DNS</a> , <a href="#">DHCP</a> , <a href="#">HTTP</a> , <a href="#">LDAP</a> , <a href="#">VLANs</a> , <a href="#">VPNs</a> , <a href="#">Cisco Routing &amp; Switching</a> , <a href="#">Citrix NetScaler</a> , <a href="#">NFS</a> , <a href="#">Samba</a> , <a href="#">iSCSI</a>
Virtualization	<a href="#">Xen</a> , <a href="#">Citrix XenServer</a> , <a href="#">Microsoft Hyper-V</a> , <a href="#">Oracle VirtualBox</a> , <a href="#">VMWare ESX/vSphere</a> , <a href="#">docker</a>
Cloud	<a href="#">Amazon ec2/AWS</a> , <a href="#">Apache Cloudstack</a> , <a href="#">Citrix CloudPlatform</a> , <a href="#">DigitalOcean</a> , <a href="#">Microsoft Azure</a>
Databases	<a href="#">Elasticsearch</a> , <a href="#">CouchDB</a> , <a href="#">MariaDB 10/MySQL 5</a> , <a href="#">SQLite 3</a> , <a href="#">Postgres 8/9</a> , <a href="#">SQL Server</a>
Monitoring	<a href="#">Syslog</a> , <a href="#">SNMP</a> , <a href="#">Graylog</a> , <a href="#">Nagios</a> , <a href="#">Cacti</a> , <a href="#">LogStash</a> , <a href="#">WMI</a> , <a href="#">Collectd</a> , <a href="#">New Relic</a>
Provisioning	<a href="#">Docker</a> , <a href="#">Puppetlabs razor</a> , <a href="#">PXE/iPXE</a> , <a href="#">kickstart</a> , <a href="#">preseed</a> , <a href="#">WinPE</a> , <a href="#">autoyast</a> , <a href="#">vagrant</a>
Config. Mgmt	<a href="#">Ansible</a> , <a href="#">Thor</a> , <a href="#">Chef</a> , <a href="#">Puppet</a> , <a href="#">SSH</a> , <a href="#">WinRM</a>
Source Control	<a href="#">git</a> , <a href="#">Perforce</a> , <a href="#">diff/patch</a> , <a href="#">Mercurial</a> , <a href="#">CVS</a> , <a href="#">Jenkins</a> , <a href="#">Checkinstall</a>
Hardware	<a href="#">Dell PowerEdge</a> , <a href="#">HP Proliant</a> , <a href="#">HP BladeSystem</a>
Storage	<a href="#">Dell Compellent</a> , <a href="#">NetApp FS 2000</a> , <a href="#">HP StorageWorks</a> , <a href="#">Nexenta</a> , <a href="#">QuadStor</a> , <a href="#">NetGear ReadyNAS</a>
Web	<a href="#">nginx</a> , <a href="#">Apache httpd</a> , <a href="#">Rack</a> , <a href="#">Dancer2</a> , <a href="#">PSGI/Plack</a> , <a href="#">SOA</a> , <a href="#">REST</a>

#### Education

Sep 2008 - May 2010 [BSc, Computer Networks](#) (1:1, First Class Honours), [Sheffield Hallam University](#), Sheffield, England

Jul 2000 - Mar 2001 [BSc \(Hons.\) Computer Science, Mathematics, Physics](#) (Discontinued), [St. Joseph's College of Science and Arts](#), Bangalore, India

#### Courses and Qualifications

- [Citrix NetScaler - Essentials, Networking and Administration](#), Jun 2012
- [Building Scalable Cisco Internetworks \(CCNP BSCI\)](#), Feb 2004
- [Cisco Certified Network Associate \(CCNA\)](#), Mar 2003
- [Implementing & Administering a Microsoft Windows 2000 Directory Services Infrastructure](#), Apr 2003
- [Implementing & Administering a Microsoft Windows 2000 Network Infrastructure](#), Apr 2003
- [Administering Windows 2000 Server](#), Microsoft Certified Professional (MCP) Mar 2003
- [Administering Windows 2000 Professional](#), Microsoft Certified Professional (MCP) Mar 2003
- [Network Infrastructure Administration, CompTIA® Network+ Certified Professional](#), Feb 2003
- [Hardware and Software Essentials, CompTIA® A+ Certified Professional](#), Nov 2002
- [Advanced Java, Network Programming using EJB, Servlets/RMI, JDBC/SQL](#), Jul 2001
- [Web Design using Microsoft FrontPage 2000, HTML, VBScript and Javascript](#), Jan 2001
- [Procedural Programming with ANSI C](#), May 1999

#### Professional Membership

Jul 2010 - Present [The Institution of Engineering and Technology \(IET\)](#) (Graduate Member)

Dec 2008 - Present [British Computer Society \(BCS\)](#) (Member)

Jan 2008 - Present [Microsoft IT Advisory Council \(ITAC\)](#) (Member)

#### Languages

English (Fluent), French (Limited Working Proficiency), Slovak (Basic)

#### Hobbies and Interests

Hiking & the Outdoors • Music & playing the guitar • Badminton • Amateur Photography • Hacking [Debian GNU/Linux](#) for fun

## Personal Details

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Date of birth	08 Jan, 1983
Nationality	British

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