Shalom Bhooshi

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Abstract

A skilled systems engineer with 14 years of experience in systems design and engineering in various business and technology settings. With a particular interest in cloud, virtualization and open source technologies to implement creative, cost-effective and flexible solutions, I have strong communications and personal skills and can work well in any setting. Core competencies include **Linux • Cloud/Virtualization • Network & Systems Engineering • Scripting/Infrastructure Automation**

Professional Experience

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

Box+Dice provide a unique CRM platform for real estate businesses to manage property portfolios, marketing and lead management, sales and accounting, portal integrations, etc in realtime. With over 250 businesses as clients across Australia and New Zealand, Box+Dice leverages in-house and customer domain expertise along with cutting-edge software and cloud technologies to deliver innovative solutions.

Senior Systems Engineer, Site Reliability Engineering

Skills : Amazon ec2/AWS, XenServer/Xen, KVM, Docker • Debian/CentOS Linux • nginx, CloudFlare, CloudFront • MySQL/MariaDB, Postgresql, ElasticSearch, RabbitMQ, Redis • git, Github, Jenkins • Ansible, Bash, Ruby • CloudWatch, Icinga • JIRA, Kanban, Mentoring

- Lead systems engineer managing site reliability engineering; systems analysis, design and development, improving platform availability and operating procedures, SysOps.
- Delivering on projects to modernize infrastructure, lift-and-shift platform services to public cloud (AWS), improving utilization, efficiency, security and TechOps.
- Working in cross-functional contexts with Quality Engineering and Operations; improving CI/CD processes, communications, testing, DevOps.
- Involved in defining and project managing systems strategy, participating in executive committee decision making, cost management, hiring, mentoring.

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/7/8/8.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 Prioliant, Dell PowerEdge

- Systems Architect/DevOps Engineer of the private IaaS cloud (based on Apache CloudStack/XenServer) used as a self-service deployment platform to facilitate Dev/QA activities of 65+ internal teams.
- Building DevOps strategies around the provisioning of cloud offerings, automating OS installs on baremetal, provisioning hypervisors, storage, networking, VMs, applications and test profiles.
- Solving and automating virtual machine image creation and cataloguing strategies for 800+ Windows (Desktop, Server, SQL) and Enterprise Linux (SuSe, RHEL, Ubuntu) OS combinations.
- 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. Lead developer for the Perl components of the framework to support testing Linux and Mac end-points.
- Other activities included technical support, triage and troubleshooting of, often complex, issues in infrastructure and test environments; application of agile methodologies to evolve both code and infrastructure, setting up the infrastructure for customer demos/roadshows e.g. Citrix Summit, 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, printing solutions.

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 consultancy and support for small business (estate agents, solicitors, accountants, etc).

Technical Experience

Scripting Bash/POSIX Shell, Perl, Powershell/.NET, Ruby, Python, Javascript, Perl6, Java, C
Markup JSON, YAML, HTML, XHTML, XML, CSS
Operating Systems Debian/Ubuntu, RHEL/CentOS, SuSe/OpenSuSe, Microsoft Windows Server 2003/2008/2012/2016, Windows XP/7/8/8.x/10, FreeBSD 9/10
Networking TCP/IP (IPv4 & IPv6), DNS, DHCP, HTTP, LDAP, VLANs, VPNs, Cisco Routing & Switching, Citrix NetScaler, NFS, Samba, iSCSI
Virtualization Xen, Citrix XenServer, Microsoft Hyper-V, Oracle VirtualBox, VMWare ESX/vSphere, docker
Cloud Amazon ec2/AWS, Apache Cloudstack, Citrix CloudPlatform, DigitalOcean, Microsoft Azure
Databases Elasticsearch, CouchDB, MariaDB 10/MySQL 5, SQLite 3, Postgres 8/9, SQL Server
Monitoring Syslog, SNMP, Graylog, Nagios, Cacti, LogStash, WMI, Collectd, New Relic

Provisioning Docker, Puppetlabs razor, PXE/iPXE, kickstart, preseed, WinPE, autoyast, vagrant
Config. Mgmt Ansible, Thor, Chef, Puppet, SSH, WinRM
Source Control git, Perforce, diff/patch, Mercural, CVS, Jenkins, Checkinstall
Hardware Dell PowerEdge, HP Proliant, HP BladeSystem
Storage Dell Compellent, NetApp FS 2000, HP StorageWorks, Nexenta, QuadStor, NetGear ReadyNAS
Web nginx, Apache httpd, Rack, Dancer2, PSGI/Plack, SOA, REST

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 Proficiency), Slovak (Basic)

Hobbies and Interests

Hiking & the Outdoors • Music & playing the guitar • Badminton • Amateur Photography • Tech News • Hacking Debian GNU/Linux for fun

Personal Details

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