Robert Kent

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|  | British & EU (Irish) Passport |  |

Profile

Able to help businesses understand and benefit from moving to a security focused DevOps/CI/CD culture. Highly competent and multi-skilled consultant with experience in many areas. Proven ability to securely automate the most complicated and demanding of tasks.

Core Skills

Automation; Security, DevOps Transformation; Continuous Integration, Deployment & Delivery (CI/CD); Cloud Foundry; AWS; Shell Scripting; Linux; BSD; Agile/Scrum

Experience

DevOps Consultant, Mozaic Services, London May 2019 - June 2019

Designed and implemented the automation process to deploy and configure Xebia Lab’s XL Release to support Mozaic’s Frictionless Delivery principals. Integrated the process into Amazon’s CodePipeline to allow automate the automation.

**Skills:** XL Release, Ansible, AWS (CloudFormation, CloudFront, CodePipeline, S3, EC2, RDS, VPC)

DevOps Consultant/Architect, ObjectTech Group, London November 2018 - April 2019

Designed a scalable hybridised cloud environment to facilitate secure development. Saved an estimated £0.5million by allowing the company to adopt a cloud by default approach to their development.

Worked closely with the key stakeholders to design a development solution to minimise CapEx and maximise OpEx. Worked with senior stakeholders to design a workable route to market for the company products. Wrote the automation to build secure development environments. Helped progress the company from wanting an office based development platform to a more resilient, and cost effective, hybrid cloud & datacentre based VDI solution.

**Skills**: Ansible, Splunk, VMware, vSphere/vCenter, Vertias Backup Exec, AWS, SonaType Nexus, SonaQube, CI/CD

DevOps Consultant, NHSBSA, Newcastle May 2018 – September 2018

Created the automation for a key, EU wide, system that would eventually be used to allow exchange of social security information between EU member states.

Automated the deployment and upgrading of the EESSI (Electronic Exchange of Social Security Information) RINA (Reference Implementation of National Application) through GitLab CI. Automated the deployment of the NHS Overseas Health microservices. Advised and guided internal DevOps staff.

**Skills**: GitLab CI, Terraform, Ansible, AWS (EC2, RDS, Elastic Load Balancers), CI/CD, Ansible, Shell Scripting

DevOps Lead, Office for National Statistics, Newport September 2016 – April 2018

Helped the organisation save considerable license fees by migrating onto open source PaaS. Created a key, cloud based, production system based entirely on open source software.

Wrote a fully automated, cloud agnostic, CI/CD platform for Cloud Foundry (CF) - this allowed the Office for National Statistics (ONS) to move away from a single Pivotal Cloud Foundry (PCF) platform onto multiple, externally (AWS) and internally (VMware) hosted cloud platforms. CF platform passed various GDS assessments.

**Skills**: Cloud Foundry, AWS (Cloud Formation, EC2, RDS, Elastic Load Balancers), VMware, CI/CD, Jenkins, Shell Scripting

DevOps Lead, NHSBSA July 2016 – August 2016

Helped the organisation complete a proof of concept that allowed them to move to a cloud first policy.

Acted as a technical consultant/lead/trainer for the project. Provided advice, guidance and hands on training to members of the DevOps team. Provided practical guidance and assistance on reworking their Ansible Playbooks and Terraform templates to follow best practice

**Skills**: Ansible, Git, Shell Scripting, Terraform, CentOS, Consul, DNSMasq, VMware, CI/CD

DevOps Lead, InPS January 2014 – June 2016

Introduced a DevOps CI/CD culture that allowed the company to go from 6 monthly release cycles to the ability to test/release on demand.

Created a Jenkins based Continuous Deployment system, that provisioned bare metal servers and VMs, allowing developers and testers to act autonomously by having complete control over their environments. Wrote tooling to fully automate provisioning of production active:active data centres.

**Skills**: Shell Scripting, Perl, PostgreSQL, CFEngine, Java/JVM, Fuse Fabric, Karaf, Maven, Liferay, ActiveMQ, Cassandra (DataStax), Zookeeper, HBase, Hadoop, SOLR, Jenkins, Agile, Git, RPM spec files, Redhat/CentOS, Kickstart, VMware vSphere, ISC DHCP, Bind, Kickstart

PostgreSQL DBA, Groupe ADEO September 2013 – December 2013

Successfully created the tooling to allow the company to globally role out the use of PostgreSQL for critical processing system.

Created a suite of tools to automate setting up PostgreSQL environments, including hot-standby, streaming replication and automatic sizing of PostgreSQL clusters. Setup centralised logging solution. Assisted the development teams with tuning and optimising their SQL.

**Skills**: PostgreSQL, PGPool, SQL, Shell Scripting, Perl, Redhat

PostgreSQL DBA, ABN Amro Clearing Bank August 2012 – August 2013

Successfully helped the bank migrate various key Oracle databases onto PostgreSQL.

Implemented various multi-terabyte, highly available PostgreSQL clusters with varying availability, reliability, transactional and size requirements. Wrote a suite of tools to automate the administration and deployment of new PostgreSQL clusters and individual databases. Provided advice and guidance to internal non-PostgreSQL DBAs. global developers and administrators. Provided PostgreSQL training.

**Skills**: PostgreSQL, EnterpriseDB, Perl, Shell Scripting, Redhat, BigData

Eurostar Solutions Architect, Cap Gemini June 2012 – August 2012

Senior Systems Administrator (DevOps), Sky News Arabia May 2011 - April 2012

Nagios and Reporting Consulant, Loyalty Group April 2011 - May 2011

Systems Administration Automation Consultant, Fizzback November 2010 - March 2011

Perl Code Reviewer, Siemens October 2010

Deployment Engineer, Ubiquisys March 2010 - August 2010

Systems Administrator, DDN June 2009 - December 2009

Systems Administrator/Perl Developer, Telnic August 2007 - March 2009

Perl Developer, Fluency Voice Technologies April 2007 - August 2007

Systems Administrator, Fingal August 2006 - April 2007

Systems Administrator, Cambridge University Press June 2006

Consultant, iTouch March 2006 - September 2006

Systems Administrator, Fingal (media agency) February 2006

Senior Systems Administrator, Corpex November 2005 - February 2006

Unix Systems Administrator, iTouch June 2004 - September 2005

Quality Assurance Executive, The National Archives August 2003 - June 2004

Technical Sales Consultant, Netcradle May 2003 - July 2003

ASP Developer, Survey Solutions May 2003

Database Administrator, Vinci Park Services December 2002 - April 2003

Administrator, The Open University September 2002 - December 2002

Education

Northampton University College, Northampton October 1999 - August 2002

BA Information Systems with Media & Popular Culture

De Montfort University, Milton Keynes October 1996 - August 1997

Computing (BSc not-completed)

Chenderit School, Middleton Cheney September 1994 - August 1996

A-Level: Mathematics, Physics

A/S-Level: Further Mathematics

RSA: Word Processing Level 1,2 & 3; Computer Literacy Level 1 & 2

Drayton School, Drayton September 1989 - August 1994

GCSE: English, English Literature, Mathematics, Science, Science Double Award, Information Systems, Business Systems, Drama, History, French & Geography