

# Rizvi Rahim

 <removed>

 <removed>

 [linkedin.com/in/rizvirahim](https://www.linkedin.com/in/rizvirahim)

 [www.RizviR.com](http://www.RizviR.com)

---

## PROFILE

Red Hat Certified Architect and AWS Professional Solutions Architect with over 9 years of experience in designing and implementing enterprise IT solutions, with a passion for all things Linux for over a decade.

---

## PROFESSIONAL EXPERIENCE

### **Deloitte, Melbourne, Australia**

*DevOps Manager*

January 2018 – current

At Deloitte our purpose is to make an impact that matters. We are driven by our desire to create positive outcomes for our clients, communities and people. Everything we do is with intent - the intent to make a meaningful difference.

Some projects include:

- Automating the creation of an entire Big Data Cloudera cluster using AWS CloudFormation, Jenkins and the Cloudera Director for a large logistics company
- Designing security for a Google Cloud Platform based Big Data platform for a large bank
- Setting up a CI/CD pipeline for a mobile application for a government department on Azure

### **DXC Oxygen, Melbourne, Australia**

*DevOps Consultant*

April 2017 – January 2018

Oxygen, A DXC Technology Company, is the leading SAP solutions company in Australia and New Zealand. Since 2004, Oxygen has been a consistent winner of SAP “Best Implementation” awards.

This role is centered around SAP Hybris on AWS & Linux, and involves designing, building and maintaining secure, scalable AWS infrastructure for Hybris with an emphasis on automation, working with numerous developers to help them streamline their deployments.

Some achievements include:

- Rearchitected their CI/CD pipelines from scratch, with an emphasis on security, reliability, and Infrastructure-as-Code (CloudFormation), using the best of AWS tools, in a manner that can easily be replicated.
- Introduced the use of Jenkins and Ansible, as well as AWS services like CodePipeline, CodeBuild, CodeDeploy, Lambda, Parameter Store, EC2 Systems Manager, EFS and ECS.
- Wrote a serverless Lambda (Python) powered website for creating & controlling SAP demos.
- Suggested and implemented several security improvements on their existing setups based

on Bamboo, Capistrino, and Puppet, as well as reduced costs on several projects.

- Winner of the 2017 O2 Inspire Award:

*A new comer - since his arrival Rizvi has been an indispensable member of the CSG DevOps team. Coming into quite a messy situation, in a cool and calm manner, he began working on making some serious change to the overall CSG Devops technical strategy. His immediate contribution to the resolution of problems could not have come too soon. He is able to competently, reliably, and (most importantly) consistently, handle very low-level technical problems, identify the root cause, recommend a multi-level solution that he immediately begins working on. The work he delivers is of a very high standard, well documented, and well presented. Perfection. Personally, I am very excited to continue working with him to deliver solutions that up until his arrival were simply out of reach. If I wanted to find a fault in Rizvi, it would be that there is only one of him in the team.*

## **MelbourneIT, Melbourne, Australia**

Senior Systems Engineer

June 2016 – April 2017

Melbourne IT helps organisations of all sizes to successfully do business online. Customers range from small businesses to Fortune 500 companies.

In addition to being responsible for hundreds of Linux servers and AWS instances, projects included:

- NetRegistry.com.au website – Solely responsible for re-architecting the public front of NetRegistry, which was previously hosted on their shared hosting platform, on to an AutoScaled AWS setup behind a CloudFront/WAF distribution, all set up with infrastructure-as-code (CloudFormation, Lambda, Packer and Ansible), and CI/CD with Jenkins & CodeDeploy, and monitoring with CloudWatch Metrics and Logs.  
The setup was designed to be highly available across available zones, as well have Route 53 health checks to failover to a static version of the site hosted in S3 if ever needed.
- Other AWS projects – including migrating more websites, improving HA, cost reductions, etc.
- US to Australia datacenter migration – Migrated several Linux machines from the US to their Brisbane datacenter. Despite taking on the workload of two people (after a team member left midway), the project was finished on schedule.
- Suggested and tasked with a project to migrate their single-instance Docker containers to an Amazon ECS cluster for their shopping cart microservice infrastructure.

## **Integra Technologies, Dubai, United Arab Emirates**

Senior Systems Architect

February 2010 – November 2015

Systems Architect

March 2009 – February 2010

Systems Engineer

July 2008 – March 2009

Integra Technologies is a Red Hat Advanced Partner and AWS Standard Consulting Partner that focuses on Linux based solutions for enterprises in the UAE and elsewhere in the Middle East. It was awarded the Service Delivery Award during a Red Hat Partner Road Tour in Egypt, 2012.

Responsibilities included:

- Designing and leading the implementation of Linux centric solutions for our clients.
- Automate tasks for our client's infrastructure using configuration management and scripts.
- Researching, testing and often benchmarking available open source and other solutions to assess whether they are ready to meet the demands of our enterprise customers.

- Ensuring that the technical support team responded to customer issues promptly and accurately, and handling complex T3 support cases directly.

Worked on the architecture, design and implementation of all of our largest customers, including:

- Dubai International Airport, Terminal 3 – A clustered Red Hat Enterprise Linux 5 DHCP/DNS setup that replaced a Windows Server setup, with onsite written scripts to migrate overnight, An almost identical setup (albeit on RHEL 6) was implemented at the Al Maktoum International Airport.
- American University of Sharjah – Suggested and overseen the implementation of Satellite and Puppet to manage their Red Hat servers , and directly implemented a heavily customized Spacewalk server to handle updates for their Ubuntu servers, with several custom written Python scripts to convert Ubuntu USNs to Spacewalk Erratas.
- Etisalat (UAE's largest ISP) – Implemented over a dozen Linux clusters for their various Oracle setups on both bare metal and virtual machines, and architected the platform for a large IVR project involving automated deployments of over 70 Linux servers across two sites.
- Set up cost effective highly available cloud setups and disaster recovery solutions using AWS for various clients.

---

## SKILLS

---

- Extremely adept on the Linux operating system, having used Linux personally since 2002.
- Paranoid about server security, with good hardening practices on every project.
- Production experience in many AWS technologies like Lambda, S3, RDS, ElasticCache, CloudFront, Route 53, CodePipeline, CodeDeploy, SSM, CloudWatch, CloudFormation (JSON & YAML), Elastic Container Service and WAF.
- Knowledge of a wide variety of open source applications, including but not limited to:
  - Linux High Availability & Clustering
  - Ansible, Salt and Puppet
  - Satellite/Spacewalk
  - ElasticSearch
  - Docker
  - Nagios/Icinga monitoring
- And scripting/programming languages such as:
  - BASH – written hundreds of non-trivial scripts for various situations.
  - Python – for log parsing, general automation, as well as writing a [job application site](#).

---

## CERTIFICATIONS AND RESULTS

---

- |  |              |
|--|--------------|
| • AWS Certified Solutions Architect – Professional – 93%               | May 7, 2018  |
| • AWS Certified Solutions Architect – Associate – 90%                  | Jun 3, 2016  |
| • AWS Certified SysOps Administrator– Associate – 90%                  | Nov 4, 2016  |
| • Red Hat Certified Architect Level II ( <a href="#">111-112-306</a> ) | Jan 14, 2016 |
| ◦ Certified System Administrator in Red Hat OpenStack – 87%            | Feb 9, 2016  |
| ◦ Certificate of Expertise in Hybrid Cloud Storage – 100%              | Jan 14, 2016 |

- Certificate of Expertise in Server Hardening – 88% Dec 29, 2015
- Certificate of Expertise in Clustering & Storage – 97% Nov 01, 2014
- Certified Virtualization Administrator – 92% Nov 27, 2013
- Certified JBoss Administrator – 93% Sep 12, 2013
- Red Hat Certified Engineer – 100% Jun 30, 2011
- Red Hat Certified System Administrator – 100% Jun 30, 2011
- Google Cloud Certified - Professional Cloud Architect Jul 14, 2018

---

## EDUCATION

---

- Graduated with a Bachelor's degree in Computer Science from the University of Wollongong in Dubai on January 2008, with Distinction.
- Earned a place in the Dean's Merit List of Academic Excellence thrice in a row. This is an annual list made up of students who achieved grades in the top 5 percent in their faculty in all University of Wollongong campuses globally.