


# Rizvi Rahim

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## PROFILE

Red Hat Certified Architect with over 7 years of experience in designing and implementing enterprise Linux solutions, with a passion for all things open source for over a decade.

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## PROFESSIONAL EXPERIENCE

### **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 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.
- Understanding our customer's business needs, and leading the technical aspects of customer meetings, presentations and proposal discussions.
- Researching, testing and 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, after Windows was unable to handle the load of thousands of clients spread across 500 VLANs. An almost identical setup (albeit on RHEL 6) was implemented at the Al Maktoum International Airport.
- **Hamdan Bin Mohammed Smart University** – Replaced Ubuntu on their critical e-learning platform with Red Hat Enterprise Linux servers with the Resilient Storage add-on (GFS2), with servers spread across bare metal as well as virtual machines. Designed improvements that decreased the dashboard page load time by several seconds, and improved the login time by 57% on the same hardware; with drastically improved security.

- **American University of Sharjah** – Suggested and overseen the implementation of Red Hat Satellite 6 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 70 Red Hat Enterprise Linux servers distributed across two sites.
- **Axiom Telecom** – Migrated a SuSE Linux based mail server (handling over 4000 users and over 650 retail locations) to a Red Hat Enterprise Linux backed multi-server Zimbra setup hosted on their VMware infrastructure; and wrote Python scripts for Zimbra integration with their Active Directory setup.
- **Telecommunications Regulatory Authority** – Installed Red Hat Enterprise Virtualization on several blades, running numerous Windows virtual machines.
- And numerous other customers such as GlaxoSmithKline, Emirates Identity Authority (clustered Samba storage servers), Qatar's Ministry of Information (PKI infrastructure), Abu Dhabi Security Exchange, United Bank Limited, Omantel, Sharjah Insurance, Dubai's Road and Transport Authority, and more.
- Set up cost effective disaster recovery solutions using Amazon Web Services/AWS.
- Suggested and implemented several internal projects; such as a redundant Nagios/Icinga server, an internal git server, a heavily secured Salt configuration management server, Feng for internal documentation, etc.

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## SKILLS

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- Extremely adept on the Linux operating system, having used Red Hat personally since 2002.
- Paranoid about server security, with good hardening practices on every install.
- Experience with Nagios/Icinga, the Salt configuration management (with custom module development), Puppet, Elasticsearch, the Samhain IDS, Asterisk, Zimbra, LXC, and the Amazon Web Services platform.
- Knowledge of a wide variety of Enterprise Linux products, such as:
  - Red Hat Enterprise Linux/CentOS (Samba, NFS, MySQL, PostgreSQL, Postfix, Apache, etc.)
  - Red Hat/CentOS High Availability
  - Red Hat/CentOS Resilient Storage
  - Red Hat Enterprise Virtualization/oVirt
  - Red Hat Satellite/Spacewalk
  - Gluster Storage
  - Red Hat CloudForms/ManageIQ
  - Red Hat/CentOS Identity Management
  - OpenStack
- And scripting/programming languages such as:
  - BASH – written hundreds of scripts, such as a Nagios email acknowledgment responder.
  - Python – for log parsing, general automation, as well as writing a [job application site](#).
  - PHP – simple web interfaces for scripts, as well as debugging site performance issues.
  - C++ – one of the winners of Phase 1 of Trolltech's mobile Qt C++ development challenge

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## CERTIFICATIONS AND RESULTS

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- Red Hat Certified Architect Level II ([111-112-306](#)) Jan 14, 2016
  - Red Hat Certified System Administrator in Red Hat OpenStack – 87% Feb 9, 2016
  - Red Hat Certificate of Expertise in Hybrid Cloud Storage – 100% Jan 14, 2016
  - Red Hat Certificate of Expertise in Server Hardening – 88% Dec 29, 2015
  - Red Hat Certificate of Expertise in Clustering & Storage – 97% Nov 01, 2014
  - Red Hat Certified Virtualization Administrator – 92% Nov 27, 2013
  - Red Hat Certified JBoss Administrator – 93% Sep 12, 2013
  - Red Hat Certified Engineer – 100% Jun 30, 2011
  - Red Hat Certified System Administrator – 100% Jun 30, 2011
- International English Language Testing System (IELTS) – 9/9 Oct 12, 2013

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## EDUCATION

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- 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.

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## VISA STATUS

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- Australian Visa Class: Skilled Independent – Subclass 189 – Permanent Residence Visa
- Stay period: Indefinite
- Visa Conditions: Nil