Rupesh Jaisingkar

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Current Location: Slough, London, UK

Nationality: British

**Profile**

* Architect / Solution Designer with a proven track record of successfully delivering innovative infrastructure roadmaps, strategies and solutions
* Highly experienced in defining the Enterprise Architecture, delivering big IT designs and Datacenter Transformation projects
* Experience is working in the Infrastructure managed services including **Public, Private and Hybrid cloud model**
* Experience in migration of applications to AWS
* **AWS Certified Solution Architect – Associate, SysOps Administrator – Associate**
* **Microsoft Certified - Azure fundamentals**
* A wide experience of current infrastructure technologies and strong relationships with **major IT vendors including AWS, Microsoft-Azure, IBM, HP, HDS, Red Hat Linux, NetApp and VMware**
* Detailed understanding of latest infrastructure technologies and solutions like cloud computing (Internal and Public)
* Able to work effectively at all levels within an organization
* Having a good understanding and regard for ITIL framework and TOGAF framework. Certification in ITIL V3 Foundation.
* Highly experienced managing **external partners and vendor relationships** like HP, IBM and HDS
* Experience in implementation of IT standards/compliance like PCI DSS and SoX
* Results-driven, with a logical and methodical approach to achieving tasks and objectives

**Education:**

1. **MBA** in IT and operations management, 2010 – 2012 (Executive part time MBA from Bradford University School of Management)

**Key subjects:** Project Management, E-Business, Strategic Information systems, Managing People, Marketing and Management Consultancy

1. **Bachelor of Engineering -** First Class, (1997 – 2001), From Visvesvaraya National Institutes of Technology (Formerly VRCE), Nagpur, India

**Professional Development:**

* Microsoft Azure implementation and design training
* AWS Certified Solution Architect – Associate
* AWS Certified SysOps Administrator – Associate
* Microsoft Certified – Azure Fundamentals
* Prince 2 Foundation Certified
* ITIL V3 foundation certified
* HP Superdome training at BT, London UK
* IBM P-series training at London, UK

**Technical skills and experience:**

* **Cloud technologies**: AWS, Azure and Private cloud (IaaS, PaaS, SaaS)
* **Web services**: Nginx webserver, JBOSS Application servers
* **Containerization**: AKS, Docker, Kubernetes, IBM ICP and Openshift V3
* **Network –** F5 Load balancer, Firewall, HA Proxy
* **Infrastructure as a code: Terraform, ARM templates**
* **Operating systems**: AIX, Red Hat Linux and **Windows (Windows 2003, 2008, 2012, 2016**)
* **Virtualization** 
  + VMware: 3.5, 4, 5.0, 5.1, 5.5, 6.x
  + IBM PowerVM
  + Openstack
* **Storage**: HDS (VSP, USP), IBM (DS8300, XIV), HP (XP12K, MA8K) and NetApp (2552, 8060, E-series) storage
* **Backup**: NetBackup and HP DP
* **Database**: Oracle DB, SQL server

**Career History:**

**Lloyds Banking Group via TCS (June 2019 – until now)**

**Role: Cloud Architect**

**Key responsibilities;**

* Follow strategic solutions, applications and hosting platforms
* Produce Application Patterns for hosting Microservices, Kafka (pub/sub), Static and Dynamic websites on IBM hosted Kubernetes and Docker platform
* Design solution for Chatbot as a service on Azure using AKS and Cosmos DB
* Design static content website on Azure
* Check tools options for management and operations for various cloud platforms

**Barclaycard via Capgemini (Jan 2018 – June 2019)**

**Role: Solution Designer**

**Key responsibilities;**

* Migration of Client self-serve portal from unsupported platform to supported infrastructure and applications versions
* Migration of applications on Windows 2003, 2008 to Windows 2012/2016
* Fileshare migration
* PCI-DSS implementation for projects
* Design database migration approach from 11g to 12c for 24X7 application
* **AWS feasibility study including perform PoC for migration of internet facing environments hosting confidential data**
* **Migration of on-premises applications to AWS**
* **Internal cloud-based implementation using Docker and Openshift for internet facing applications**
* Follow strategic solutions, applications and hosting platforms
* Migration of Citrix users from legacy application to supported application without major issues and downtime

**Barclaycard (Jan 2016 – Dec 2017):** Barclaycard is a multinational credit card and payment services provider, and a division of Barclays plc.

**Role: Architect**

**Key responsibilities;**

* Migration of a FAX solution handling more than 100,000 fax a month to a cloud-based solution
* Migration of 18 years old legacy application to a supported platform
* Evaluation of AWS cloud hosting for one of the leading mobile payment processing with design for PoC
* Design solution based on Azure for new onboarding application
* PCI-DSS implementation for projects
* Fileshare migrations
* Windows XP to Windows 7 migration of business-critical end user applications

**HCL Technologies UK Limited, Manchester, UK (Apr 2012 – Jan 2016):** A leading offshore IT & software development company offers various services like application development, outsourcing software development services, software development in India and infrastructure services.

**Client:** AstraZeneca. (AstraZeneca is a global, innovation-driven, integrated biopharmaceutical company.)

Role**: Lead Solution Architect (Associate General Manager)**

**Key responsibilities:**

* Requirement analysis, non-functional for new and upgrade projects including requirements for cloud and produce high level solution options with recommendation
* Technical **Pre-sales support** for new projects/RFP/RFI including costing for hardware, software and complete solution
* Interact with suppliers and evaluate solutions, produce costing and produce business case for hardware purchase, software evaluation, etc which **include Storage platforms**
* Produce High level design for new and upgrade projects which are hosted as the **managed infrastructure or on public cloud (Azure)**
* **Windows 2003 OS Remediation**
* Implement new **AIX based SAP BASIS systems for consolidation** of multiple Europe SAP systems into one
* Produce designs for optimum cost that meets SLA requirements for various projects. Design and build solution for Standardization and Virtualization using catalogue of products and defines processes
* Work on different technology including IBM P-series, VMware, Windows, Linux, **SAN fabric**, **Storage design** and Network design including Load balancers and WAN
* Responsible for architecting & designing organization's infrastructure needs through appropriate private, public & hybrid cloud options with significant focus on SaaS, then PaaS and then IaaS.​
* Responsible for migrating organizations data center in private cloud to public/​hybrid cloud environment, thus vitalizing the whole data center while ensuring efficiencies in operational management, monitoring & cost.​
* Create and maintain architectural & design artifacts to ensure the up to date documentation for the relevant programs and projects is readily available and ensuring knowledge is disseminated to relevant implementation and operations teams.​
* Contribute to the evolution and planning of the enterprise architecture by ensuring solutions is engineered in line with reference architecture, strategy and roadmaps.​
* Examination and proposal of opportunities to improve current and planned architecture.​

**TSYS, Leeds, UK (Jan 2010 – March 2012):** Total System Services, Inc. is one of the largest processor of merchant acquirers and bank credit card issuers. TSYS is located in Knaresborough, UK.

Role: **Infrastructure Solution Designer**

**Key responsibilities:**

* Technical **Pre-sales support for new client** RFP/RFI which involves costing for technical part of the solution, manpower cost required to stand up the infrastructure and cost for maintenance
* Requirement analysis- functional and non-functional for Issuing and Acquiring clients, Design and deliver Issuing and Acquiring solution to new clients as part of Agile framework
* Interact with suppliers and evaluate solutions, produce costing and produce business case for P-series hardware purchase, software evaluation, etc
* Produce High level design for new and existing clients which are hosted in the TSYS datacenters as **managed service**
* Come up with innovative solutions for requirements like **PCI DSS implementation. This included data migration from HDS USP to USP-V**
* Produce designs for optimum cost that meets SLA requirements for various projects. Design and build solution for Standardization and Virtualization
* Co-ordination with team for various build/troubleshoot activities
* Design scheme connectivity for new and existing platform. Interact with compliance, VISA and MasterCard for testing and implementation
* Backup design with HDS replication, RMAN and NetBackup and DR design with Oracle Dataguard
* Work on different technology including IBM P-series, VMware, Linux, Oracle 11g, SAN design and Network design

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**Mastek Limited, London, UK (Jan 2005- Dec 2009):** specialize in building, re-engineering, maintaining and managing enterprise grade business applications in select industries.

**Project: British Telecom Global Services:**BT Global Services delivers a combination of communications and IT services to over 10,000 organizations and governments worldwide. The project was aimed at delivering modern IT systems for NHS in London.

Role: **Infrastructure Architect**

**Key responsibilities:** Delivering new Care Records Service across the capital for NHS

* Requirements analysis mainly non-functional requirements for Acute and Mental health trust solution
* Produce High Level design to meet the non-functional and business requirements for minimum costs
* Interact with suppliers for solution and produce costing options to present to senior management
* Design solutions to host in the BT datacenters as **managed service** that included applications, servers, storage, backup and network.
* Review and approve Low level designs and support project until and after Go-Live
* Come up with a solution for various requirements like secure file transfer and Host Intrusion prevention
* Maintain and update Technology Roadmap as part of TOGAF implementation
* Producing High Level design for optimum cost which meets SLA requirements and following the Technology roadmap as far as possible and push for Standardization and Virtualization
* Co-ordination teams for various troubleshooting activities

**Network Solutions Pvt Limited, Bangalore, India (Dec 2003- Dec 2004)**

**Project: HP ISO** India was established in February 2002 with the principal focus on creating new technologies for addressing the IT needs of the next billion customers for HP.

Role: **Technical Support Specialist**

**Key Responsibilities:** Design, configuration and maintenance of the 41 HP NonStop and other systems.

* Upgrade HP NonStop Hardware with new models and Maintenance, Patching servers
* Maintain SUN Solaris servers
* Maintain Datacenter and undertaking the Administration activities.
* Database administration of NonStop SQL/MP
* Successful Datacenter shifting with minimum disruption and failure
* Performance analysis of HP Nonstop utilization. System allocation to different teams and security implementation to enforce the allocation
* **Red hat Linux administration**

**CMC Limited Mumbai, India (Jun 2001 – Dec 2003):**

**Project: The Stock Exchange, Mumbai:** The Bombay Stock Exchange (BSE) is a stock exchange located on Dalal Street, Mumbai and is the oldest stock exchange in Asia. The BSE has the largest number of listed companies in the world.

Role:**System Engineer – Customer Services**

**Key responsibilities:** System Administration of HP NonStop Server, IBM Netfinity servers, SAN

* System Administration of HP NonStop Servers
* OS upgrade, IPM installation, online CPU and disk upgrade and replacement for faulty components
* Monitoring and troubleshooting of issues on StorageTek disk array system and HP MA8K Disk array
* Administration of IBM servers running Windows 2000 Advanced server including MS SQL database administration
* Configuration of SAN switch and troubleshooting of network related issues

**References:**

Will be provided upon request