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### Praveen Gambhir

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**Background:**

Praveen is a senior Cloud and Infrastructure Solutions Architect with a good exposure to public Cloud Platforms (GCP and AWS), Big data infrastructure/applications. He has significant experience in, Cloud migration, Enterprise architecture, infrastructure consulting, technical leadership, project/delivery management and requirements analysis across multiple industry sectors.

Praveen has a track record of designing and delivering solutions for complex multi layer applications and has a strong technical and Leadership background developed by working in wide variety of roles in large global organisations, covering broad range of technologies and involving leading architecture for large programmes.

During the past 25 years in Praveen has worked on a number of complex system integration projects for multinational clients across a number of industry sectors including Financial Services, Retail, Pharmaceutical, Utilities and Public sector. Praveen’s current role is with HSBC as a Lead Solution architect leading the architecture for Financial Crime and Threat Mitigation within the Financial Crime and Risk area of HSBC.

Praveen is an experienced user of industry standard enterprise architecture frameworks (TOGAF) and is conversant with industry best practices. He has extensive experience working in DevOps and Agile environment and has hands on experience across the full SDLC.

Praveen has a First Class Degree in Applied Electronics and Instrumentation Engineering from a reputed University.

**Keys Skills:**

* Solution architecture and delivery for Application migration to Cloud (IAAS, PAAS and SAAS)
* Public, Private and Hybrid Cloud solutions
* Very good experience in architecting solutions using AWS technologies (EC2, VPC, RDS, IAM, S3, Direct Connect) – AWS Certified Solution Architect Associate
* Very Good Experience in architecting solutions using GCP technologies (Dataproc, Bigquery, GCE, GCS)
* Datacentre to cloud Migration (AWS, GCP)
* Good understanding of automation technologies mainly: Chef, Puppet, Ansible, Jenkins
* Detailed Understanding and Experience of DevOps and Agile methodologies.
* Detailed understanding and design of Microservices based architecture and application containerisation technologies including Docker, Cloud Foundry Kubernetes
* IT Strategy, Enterprise Architecture, Management & Governance
* Business engagement and negotiation
* Infrastructure Team Management
* Stakeholder management across the organisation at various levels including CXO, Director and Project Sponsor.
* Software and hardware product evaluation and Vendor selection
* Capex and Opex estimation for projects
* Complex Transformation and upgrades
* Non-Functional requirements collection, analysis, tracking and delivery
* Big data(Hadoop) and analytics solutions architecture
* Machine Learning applications architecture using Hadoop as a data platform
* Identity and Access management including Federated Single Sign On(SSO) with SAML 2.0, Active Directory.
* Detailed understanding of Data Pipeline management and tools (Sqoop, Flume, Pig)
* Detailed understanding of Relational Database Technologies (Oracle, DB2) and NoSQL Databases(MongoDB)
* Detailed working knowledge of infrastructure technologies including Virtualisation (VMWare), Networks, Storage and Operating Systems (Red Hat Linux, Unix, Windows)
* End to End Solution Architecture for multi Layer applications including middleware technologies for service oriented architecture(SOA)
* High Level Designs
* Presenting High Level Designs for approvals to stakeholders at different levels
* Architecting and delivering E-commerce applications
* Business Continuity and Availability Engineering

**Training / Qualification:**

**Amazon Web Services** - Certified Solutions Architect Associate

**TOGAF 8** Certification for Practitioners

**ITIL** Service Management Foundation Certification

**Trainings:**

* Architectural Thinking
* Operational Modelling Workshop
* Designing for Availability
* Component Modelling
* Enterprise Architecture

**Job Experience:**

**HSBC (Contract) April 2016 to Present**

**Lead Infrastructure and Cloud Solutions Architect (Financial Crime and Risk)**

Praveen is currently a Lead Infrastructure Solutions architect in the Financial Crime and Risk Stream within HSBC, covering AML, Name Screening, Customer Due Diligence(KYC), Financial Crime and Threat Mitigation and Risk. He is leading the architecture for application migration to cloud (AWS, GCP, Private) and is currently leading the design for a new Fraud application on Google Cloud Platform(GCP). Praveen is leading the cloud assessments for applications in the FCR area in HSBC. He is also involved in ever greening/upgrades, transformations, Big Data, machine learning based analytics solutions based on HADOOP(Hortonworks), third party machine learning tools and SAS for applications related to Anti Money Laundering, Fraud, Name Screening and Cross Function Utilities. He has gained good experience in DevOps/Agile by being aligned with the DevOps transformation taking place within HSBC. In the process he has gained detailed understanding of automation technologies including Chef, Puppet, Ansible, Jenkins, Delphix(Database Virtualisation). Praveen’s responsibilities included project architecture governance, High Level Design creation, Review of design/architecture of projects across the FCR area, review of cloud solutions from vendors, Stakeholder management and communication with senior management for key decisions concerning the projects. One of the main achievements of Praveen has been leading multimillion dollar infrastructure designs and the spend reviews for the same involving communications with business and higher management stakeholders to justify the significant spend on infrastructure.

**Walgreens Boots Alliance (WBA) (Contract) Jan 2015 to April 2016**

**Lead Solutions Architect – Enterprise Shared Services**

Praveen was leading the Technical architecture for multiple projects within the Healthcare business of WBA. He was simultaneously involved in Pricing up infrastructure proposals/solutions for business cases to be presented to the approval board. He was regularly in touch with people in business and technology areas at various levels going up to the CIO, Design Director and Project Sponsor. He was part of technical design authority and participated in fortnightly TDA meetings and was actively involved in design assurance for the on-going projects within WBA that include cloud based solutions, portal solutions, DevOps and ERP solutions. As a Lead architect Praveen was responsible for Creating High Level Designs for various projects and taking same through various levels of approvals. He led the vendor evaluation and product selection for output Management solution. He was the lead architect for the Warehouse Management and output management streams in a large Logistics transformation programme within the organisation.

**Wipro Technologies Ltd. Sr. Architect Nov 2013 to Jan 2015**

**Lloyds Banking Group(LBG) – Solutions Architect (Enterprise Architecture & Design)**

Praveen Was leading the Infrastructure architecture for multiple projects within the Divestment, Insurance, IT simplification and Multi-Channel banking business of Lloyds. During his tenure in LBG Praveen has shown thorough understanding of banking applications and infrastructure. He worked on solutions related to various technologies that included WebSphere MQ, WebSphere Message Broker, Linux, AIX, VMware, Oracle Apps, Oracle DB, DB2 , BMC Monitoring, SAN/NAS Storage, Networks and AWS. With his good communication and stakeholder management skills he was able to establish good working relationships with LBG/Wipro teams and stakeholders.

He was accountable for the High Level Design documents, Architecture Decisions and waivers and for taking these through the architecture approval boards within the bank. He was the lead architect for various projects involving applications hosting/migration to cloud (Third party and AWS), and also for service management tools consolidation for the bank.

**IBM Global Business Services Oct 2008 to Nov 2013**

**Managing Consultant**

During his tenure in IBM as a managing consultant Praveen performed variety of roles with clients from different industry sectors including Financial Services, Retail, Utilities and Government. He worked in the architecture space in different roles including Architecture Stream Lead, Lead Solution Architect, Lead Performance Architect, Requirements Analyst, Method Architect. He worked on solutions related to various technologies that included WebSphere MQ, WebSphere Message Broker, Linux, AIX, VMware, Oracle Apps, Oracle DB, DB2 and other associated infrastructure technologies. Praveen also worked as an architect in Pre-Sales assignments/bids where he was instrumental in studying the technical landscape for the client and producing a high level technical solution overview that helped in estimating the work and resources required. In these roles he led teams of different sizes, worked as a consultant and demonstrated leadership by effectively communicating with the client senior leadership, stakeholders, helping them with key decisions. He contributed in building architect capability by mentoring the new recruits and helping them choosing the right career paths. He demonstrated flexibility by working outside his comfort zone. His clients included Co-operative Financial services, nationwide Building society, Argos, TJX, Thames Water, DVLA, DWP and DEFRA.

**Lloyds TSB Bank PLC Feb 2007 to Sep 2008**

**Lead Solution Architect & Technical Delivery Manager**

Praveen led the Solution Design team for the Internet Banking Capacity upgrade project within the Bank. In his role as a lead solution architect Praveen was accountable for the end to end High Level Solution Design and delivery. He demonstrated good leadership by leading a team of architects and build SMEs. He was able to effectively communicate and influence business and CIO level stakeholders to agree on non-functional requirements related to the roadmap for internet banking usage and other parameters related to business continuity. He demonstrated excellent relationship management and was therefore extended in the project to handle technical delivery. Praveen skilfully handled various challenges related to resourcing, complexity of solution and delivery issues that went a long way in ensuring that the project was delivered as per the timescales.

**Wipro Technologies Ltd. Jan 2004 to Feb 2007**

**Thames Water/Accenture – Service Manager**

As a Service Manager Praveen was responsible for the service delivery for database and servers both for business as usual and projects and he led the team to ensure compliance to ITIL standards.

In this role Praveen demonstrated good leadership and liaised with Accenture and client CIO to update them on the various service improvements achieved as a result of implementing innovative ideas. Praveen was instrumental in securing the best service improvement award for the team.

Praveen was involved in data centre migration and server consolidation project for Thames Water where he had a key role in defining the migration and implementation strategy and design. He was the lead for the Wipro Team involved in the transformation.

**Various Consulting Organisations Nov 1993 to Jan 2004**

In a diverse range of previous consulting roles, Praveen led Architecture definition and delivery of variety of solutions working at IBM India and Perot Systems. The solutions included packaged applications and custom applications for blue chip clients in Financial Services, Automobile and Steel Industries.

**Languages Known:**

English, Hindi