Sathish Gururajan

Architect, Compliance and Infrastructure Products - Bank of America Corp

New York, NY - Email me on Indeed: indeed.com/r/Sathish-Gururajan/312faa6b1ff48b1d

Authorized to work in the US for any employer

WORK EXPERIENCE

Architect, Infrastructure and Regulatory Compliance

Bank of America Corp   -   New York, NY - August 2015 to Present

• Security and Compliance Architect at Bank of America
• Job function is defining compliance related infrastructure offerings and designing the processes needed to run these offerings
• Area of focus is Data Lifecycle Management
• Worked with IBM, EMC and other vendors in the storage and archiving product category. Engaged these vendors regarding the Bank's requirements from a compliance perspective, the offering match from the vendor, the value proposition for adding certain features, enterprise Vs. one-off license negotiations etc.
• Responsible for conducting compliance reviews with internal regulatory teams and translating the compliance guidelines into technical requirements
• Advising technical partners on their specific roles and responsibilities within the compliance continuum
• Designing archiving solutions for BofA's top 200 applications based on their regulatory requirements and available service offerings
• Tracking the changing regulatory landscape and working with various service owners to directly influence their offerings to keep up with the regulatory changes
• Ensure the top 200 applications within BofA stay audit-compliant with respect to recovery objectives and data retention

Head of Infrastructure Project Delivery (IPD) & Process Engineering

JP Morgan Chase Bank   -   New York, NY - October 2005 to June 2015

New York, NY

Roles Performed:
✓ Head of Process Engineering and Governance for Infrastructure Project Delivery Lifecycle
✓ Chief Architect and Technology Director for the Treasury Services Technology Resiliency Program
✓ Chief Architect and Program Manager for the Corporate & Investment Bank Data Center Exit Program
✓ Manager, Infrastructure Architecture

Infrastructure Project Delivery (IPD) Process Engineering
• Worked as the Process Engineering Lead for the Projects and Programs Management team within the Corporate & Investment Bank (CIB)
• Defined a common process for Infrastructure Project Delivery (IPD) which would smoothly and efficiently work for all legacy LoBs within CIB - TS, WSS and IB. Ensured that Program Governance, Design Governance and Finance Governance we properly covered in the new process
• Introduced CMMI principles into the process and showed significant tangible improvements with the new process framework

• Worked out an extremely robust partnership agreement with the Central Technology team (GTI) where the workflow would go from CIB to GTI and back, all facilitated within sharepoint by passing appropriate control flags

• This process and workflow solved the following problems: Lack of unified process for all of CIB, Inefficiencies in the existing process, Approval bottlenecks where no value was being added by some approval steps, manual follow-up for the workflow and duplicate governance processes due to new GTI mandates

• Consulted with other LoBs (CCB, AM) to create a similar governance framework and workflow which is tailor-made to the checks and balances within their line of business.

Chief Architect and Technical Program Manager for the CIB DC exit program

• Fully analyzed, documented and categorized the infrastructure footprint consisting of 3700 servers supporting 660 applications across three datacenters

• Created the decision tree for Public Cloud Vs Private Cloud Vs Bespoke architecture solutions

• Created the decision tree for exit planning for all of these applications with input points such as application invest rating, technology component EOL rating, criticality, existing gaps, downstream impact - touching production systems would mean having to perform remediation work on pre-production systems outside of these datacenters, etc

• Created the logical migration with complete application grouping, scheduling, reverse tracking project delivery to determine start date, managed the supply chain of infrastructure components that need to be delivered

• Provided complete coverage with respect to GTI negotiations on strategy, escalations and exceptions for these 660 designs

• Provided the migration path for all designs including cut-over planning and prioritization of migration

• Functioned as a focal point for multiple project related resources including but not limited to, DBAs, application administrators, storage engineers, network engineers, UNIX administrators, Windows administrators, application and infrastructure architects and developers

Chief Architect and Technology Program Manager for the Technology Resiliency Program

• Built and maintained the resiliency blueprint for Treasury Services (TS) taking into account Inter-agency White Paper requirements, SOX and Dodd-Frank requirements and market volatility indicators

• Integrated the blueprint into the project delivery framework for new infrastructure builds

• Created a compliance vulnerability matrix for all critical applications with TS. Compliance issues included Infrastructure, Access controls and Audit vulnerabilities

• Created the framework for gap analysis, remediation plan and budget guidance for existing infrastructure for compliance with the resiliency blueprint

• Created technical plans for testing the resiliency strength of critical applications

• Partnered with the firm wide resiliency forum to implement testing processes to demonstrate the resiliency health of TS systems

• Developed DR capabilities for specific application needs such as Oracle Continuous Availability Architecture

• Reported directly to the CIO of TS in this capacity

Manager, Infrastructure Solutions
• Responsible for Infrastructure Solutions across all of Treasury Services - Engineered the Treasury Services Architecture process with a highly efficient governance framework

• Managed the team responsible for the delivery of infrastructure solutions for multiple portfolios of applications within Treasury Services, with each team member being individually responsible for a portfolio of their own

• Represented specific technology needs of all the client portfolios to the firm's Architecture and Engineering Board and functioned as a bridge between the review board and technology end-clients

• Directly contributed towards reducing the TCO for multiple applications by adapting innovative, cost-saving approaches within standard product sets - particularly effective in reducing server footprint
• Responsible for vendor relationships for TS involving all infrastructure components - Hardware and Software. Vendors included, IBM, HP, Dell, Oracle, EMC, NetApp, Sun systems, VMWare and more.
• Member of the Global Vendor Relationship Board where we developed a comprehensive vendor relationship strategy involving a multi-point scoring system
• Designed and deployed infrastructure solutions that conform to fed white paper, SOX, PCI, PII and other business focused requirements while meeting all the associated SLAs and Disaster Recovery demands
• Prepared project related artifacts, including technical design methodologies and 3 year financial layout

Manager, Database Administration

Columbia House Co   -   New York, NY - July 2001 to October 2005

• Managed a team of DBAs in-charge of the entire Database Structure across all of Columbia House. Systems include the 24x7 website, QA systems, corporate systems, development infrastructure, HR's PeopleSoft system, PeopleSoft financials and datawarehouse systems. Databases were Informix and DB2 UDB
• Interacted with the CIO, VPs, managers of different business units, internal and external clients and vendors in order to define, design and implement major projects during the overhaul of the entire IT infrastructure
• Led a team of DBAs, System and Network engineers and QA engineers during two major migrations of the entire IT architecture of Columbia House with minimal impact to any business unit
• Designed and implemented a complete and scalable, shell script based monitoring system for all IT functionalities
• Provided ongoing support for traditional System Admin/DBA functions such as setting up database engines, instances, configuration, performance tuning, backup and recovery, configuring cross platform replication of databases e.g. Federation, DB2 connect

Software Engineer

INTEL Corp   -   Parsippany, NJ - July 2000 to June 2001

• Design, Develop and support Telephony applications for Intel's Dialogic division, part of Intel's communication products group - Designed and developed backend software that will work with telephony boards developed by Intel, and third party software products that are designed to work with these boards.
• Worked extensively on Unix (HP-UX) and NT platforms with C and C++ programming languages - also ported applications across platforms

Technology Platforms

EDUCATION

MS in Computer Science and Electrical Engineering
West Virginia University   -   Morgantown, WV
August 1998

BS in Electronics & Communication Engineering
University of Madras   -   Chennai, Tamil Nadu
May 1996

Feature columnist for the official college newspaper 'Tech Collegian

SKILLS

EMC (10+ years), SUN (10+ years), UNIX (10+ years), NETAPP (9 years), ORACLE (9 years), VMWARE (9 years), DB2 (4 years), AWS (4 years), Disaster Recovery (10+ years), AWS (4 years), Cloud Computing (6 years)

ADDITIONAL INFORMATION

Operating Systems Sun OS 5, 6, 7, 8, 9 and 10, Sun Solaris, HP UX 10.20, 11 & 11.31 AIX 4.3, 5.1, Windows […] Redhat Linux 2.x, 4.x, 5.x

RDBMS ORACLE 8i OPS, Oracle 9i/10g RAC, Oracle 11g RAC, INFORMIX SE 5.0, 7.x, 9.x, DB2 UDB V7.1, V8.x - EEE, EE, MS SQL Server […] DB2 Connect, Federation, SQL Replication, Dataguard, log shipping, Informix Enterprise Replication, HDR, DProp

Other skills Veritas Netbackup, EMC SRDF Timefinder, Weblogic and Websphere Application
Server, Apache and IBM HTTP web servers, Network Zones, Datacenter Migration,
Autosys, Keon, Control-M, NDM, Veritas Storage Foundation, Cisco switches,
Quest Shareplex, Toad, Foglight, Netapp NAS, FlexClone technology, Sun
Containers, LDOMSs, VMware ESX 3.x, 4.x & 5.5, VSphere 5.5, V2V & P2V Migrations,
VMotion, vCenter, VM HA, ESX Cluster, HP Hypervisor, Virtual Iron, OEM (Oracle Enterprise
Manager), Oracle Grid topology, MQ Messaging, LoadRunner, Crystal Report, C Shell Programming, UNIX
Shell Scripting, Perl, Legato Networker, Tivoli Storage Manager, Tivoli Workload Scheduler, Erwin, HTML, C,
C++, PL/SQL, TMS 320c25 Assembly Language, Business Objects, Informatica ETL, Oracle Golden Gate,
IBM Change Data Capture, Barracuda WAF, Dynatrace, Hadoop Framework, MS Project Server