Sumit Arora

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Background

Senior technology lead with 16 years of client-facing experience in:

* Managing large scale technology transformation, cloud migration and legacy application modernization programs using Agile/DevOps framework in capacity of a workstream lead or solution architect
* Developing technology strategies, strategic roadmaps and driving SDLC implementation across multiple domains – InfoSec, Operational Resilience, Platforms and Data solutions
* *Successfully managed cloud migration journey for $2B pharma spin-off (2019-20)*

Technical Skills

* InfoSec (IAM, Vulnerability Mgmt.)
* IT Service Design
* Solution Architecture Optimization
* Cloud Migration
* IT Strategy
* Target Operating Model

Certifications/Leading Tools Experience

* AWS Solution Architect
* Nicus ITFM
* Scrum Master (PSM 1)

Experience summary

Education

**Freddie Mac** (June’21- Present)

* Sr. Tech Lead- Enterprise Architecture

**EY** (Aug’19 – June’21)

* Consulting Manager

**Accenture** (Jul’17 -Aug’19)

* Consulting Manager

**Capgemini** (Oct’13 – Jul’17)

* Consulting Manager

**Cognizant** (Mar’08 – Oct’13)

* Senior Consultant

**CSC-Covansys** (May’06-Mar’08)

* Senior Consultant

**Infosys** (May’05 – Mar’06)

* Associate Consultant

**IIM Bangalore** (2003-05)

* MBA
* Finance & IT Systems

**NIT Nagpur** (1997-01)

* Bachelor of Engineering
* Mechanical

Engagement Details

Freddie Mac

Senior technology lead within Enterprise Architecture practice, where I have been instrumental in/as:

* Designing operating model and driving strategic alignment for multiple teams within enterprise technology division
* Developing strategies and architecture patterns for asset lifecycle management, data management framework and ingress/egress patterns, platform landing zones and mitigation of AWS concentration risk
* Information Security services advisory- Ransomware airgap vaulting, Identity and access management including SSO and MFA implementation, Threat and vulnerability management
* Designing enterprise level standards and principles across TOGAF layers: Application, Data, Infrastructure and Security for driving standardization
* Developing KPIs and dashboards for measuring and reporting divisional performance to C-suite and Board of Directors
* Product manager for COO facing operational analytics engine for production of dashboards using AWS S3 data lake, Denodo data virtualization and Tableau

Ernst & Young (EY)

***Migration to Azure Cloud***

*Project Objective*: Technology transformation for a toll road organization through adoption of cloud journey roadmap. The current scope includes migration of legacy on-prem SQL based DWH to Azure Synapse platform and prepare the organization for advanced analytics & BI.

* Developed target state architecture design and transformation roadmap
* Configured Azure Synapse resources including data factories (ADF) for ELT, data lake (ADLS) for storage and RawDV (for data flattening) until business sematic layer (Azure analysis services)
* Led engineering team in designing core and auxiliary data structures for staging and RawDV layer
* Developed approach for migration and integration of external data sources using temporal tables and transaction replication
* Outlined overall delivery strategy using Agile scrum and Kanban principles
* Managed delivery lifecyle using Azure DevOps and led sprint ceremonies for backlog grooming and retros
* Assessed azure services cost drivers to forecast Opex run rate to equip project sponsors with data points to secure funding

***IT Spin-off***

*Project Objective*: A 2-year program to manage IT standup on AWS cloud for NewCo. during one of the largest spin-offs at a global Pharma company. Program scope includes IT infrastructure standup, portfolio migration and IT support standup prior to Day 1.

* Formulated factory services operating model for executing IT infrastructure demand from On-prem to cloud
* Developed service catalog strategy and demand management lifecycle for:
  + Hosting & storage, file sharing & NFS, networking, IAM, AD services and workplace virtualization
* Developed workload profiling scorecards and decision tress for arriving at 6R dispositions (retain, retire, rehost, re-platform, refactor, replace)
* Outlined server selection criteria for optimized TCO via leveraging T-shirt sized approach and instance types: On-demand, Spot, Scheduled Reserved etc. after assessing factors like business criticality, RTO and RPO
  + Architected template for infrastructure as code automated deployment through vRO
  + Hand-off workflows from vRO to CMDB - IT compliance – application teams
* Defined executive dashboards using Power BI for tracking program progress with regards to Spin off roadmap

Accenture

***IT Portfolio Modernization***

*Project Objective*: IT portfolio modernization leveraging combination of SaaS and custom cloud apps suite for a specialty finance private equity group with diversified business segments ranging from structured settlements, lottery winnings, litigation finance to micro finance and high residual vehicles leasing.

* Led loan management delivery of SAP cloud banking capabilities that are required to manage operations for various asset classes
* Fit/gap analysis, KPIs definition, To-Be state solution design and capability roll-out planning
* Developed current technology portfolio refactoring approach to integrate with the newly implemented SaaS platform and overall data migration approach using Point forward principles in compliance with data retention regulatory guidelines
* Advised BU IT teams in organization structuring via setting up RBAC guidelines in the To Be state technology ecosystem
* Co-ordination with vendor and cross-functional workstreams to facilitate E2E roll out of SAP C4B S/4 HANA platform in accordance with Go Live roadmap

***IT Transformation using SAFe***

*Project Objective*: Equipment leasing transformation and new platform implementation to revamp Go To Market strategy for a multinational computer technology company.

* Advised C suite in defining To-Be capabilities and operating model design to drive process standardization
* Led enterprise architecture workstream and developed business/ IT architecture blueprints
* Defined program critical path for prioritizing capabilities and developed overall transformation journey
* Facilitated in migration planning and established execution approach for business continuity
* Introduced industry leading practices, value levers & established KPIs for overall program governance
* Facilitated in development of micro-services architecture for secure payment processing
* Developed Blue Prism RPA solution blueprint on order intake & validation with a projected yield of 2 FTE savings and reduced booking lead time by 15%

***IT Merger Strategy***

*Project Objective*: Establish captive auto finance FinCo., for a global auto manufacturer and carve out IT portfolio implementation strategy during an acquisition scenario.

* Developed target operating model for dealer financing, floorplan management and digital channel capabilities
* Conducted bottoms up technology stack capability assessment of the current vendor, and total ownership costs with respect to baseline greenfield approach
* Led IT Due Diligence workstream on potential targets for capability maturity analysis
* Developed business case with a recommended enterprise carve out strategy and IT enablement approach via Lift & Shift methodology in accordance with LOI

***Enterprise Portfolio Modernization***

*Project Objective*: Legacy IT portfolio transformation and business process automation for one of the GSEs’ in multi-family mortgage domain.

* Performed As-Is state capability maturity analysis and developed To-Be state business processes for Underwriting, Securitization and Asset Management for STP
* Discovered inter-dependencies across technology portfolio systems and EDW for defining IT rationalization s
* Developed enterprise architecture blueprints and roadmap for legacy IT modernization

Capgemini

***IT Transformation using Agile***

*Project Objective*: Development of Pega based enterprise wide platform for one of the top tier Financial Instruments (Short term debts, Bonds, Commercial Paper etc.) Ratings agency.

* Led discovery phase for assessing Business IT alignment and defining To-Be state capability framework
* Executed IT portfolio current state assessment for prioritizing capability gaps
* Conducted JAD sessions with SMEs for capability decomposition and defining transition roadmap
* Facilitated in development of overall program implementation plan and milestone KPIs
* Developed business architecture and overall data entity model for finance workstream transformation
* Led daily scrum meetings and engaged cross functional teams for executing design to QA phases

***IT Strategy Development***

*Project Objective*: IT enterprise readiness for one the major players in non-standard automotive insurance sector to facilitate Merger and Acquisition.

* Conduced current state IT operating model assessment across various capability dimensions including governance, demand management and Business IT alignment
* Gathered data centers inventory and assessed current state business continuity, DR & intrusion detection
* Conducted digital channels capability and CX maturity analysis in alignment with industry benchmarks
* Developed ToM framework to identify capability gaps and developed remediation roadmap
* Engaged CIO org. in adopting a strategic journey towards leading operating model
* *Successful acquisition in 2016 (National General – Direct General Insurance)*

Cognizant

***IT Transformation using Agile***

*Project Objective*: Transformation of the underlying payments processing platform for a leading financial institution to achieve high quality risk management KPIs.

* Coordinated with product owners for prioritizing capabilities and developed sprint plans
* Decomposed business into product requirements and defined To-Be state features
* Developed neural network architecture requirements for Artificial Intelligence (AI) based fraud detection and generation of visual heat maps via external APIs from Silvertail & Iovation

***IT Platform Implementation***

*Project Objective*: Implementation of a global prepaid card program for a major US bank.

* Led payments workstream comprising of business analysts, and defined To-Be roadmap for cards program including card issuance and cross border payments
* Defined shared services-based GO TO market operating model for leveraging channel partner synergies
* Developed functional requirement documents containing business process flows, use cases and business rules including with EFT, Swift procedures and compliance with OFAC and Dodd-Frank