VASU SAMBASIVAM

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COVER HIGHLIGHTS

Seasoned leader with over 20 years of responsibility for a variety of technology and management areas, including: Strategy, Architecture, Software Development/Engineering, Infrastructure Engineering, Operations, and Shared Service areas.

My background and value proposition are unique in that I have depth and breadth in technical roles and business collaboration roles:

Digital Transformation: I transformed customer and user experience adopting customer journey mapping and understanding, improving key customer/user touch points, better technology tools/solutions, and optimizing internal process using process digitization and automation. Revamped overall digital and end-to-end digitization strategy across retail, commercial, and wealth management lines of businesses. Transforming UX/UI experience on multiple customer and business channels by embracing digitally innovative solutions.

Strategy: I advanced strategy planning with senior business and technology executive members of the company's leadership team. Reaffirm and redefine corporate objectives, build new ones, set goals, align resources, and clearly define new direction, approach, and activities for the entire organization. Enabling end-to-end digital focus across the organization including financial services (retail and commercial banking, wealth, investment banking, and other sectors), and manufacturing industries.

Business Architecture: I introduced a capability driven approach to develop blueprints of business and redirected business architecture engagements to focus on key business units. Aligning focus enabled mapping of strategic investment portfolio and developing key insights on efficiency opportunities, collusions, readiness, and impact assessment.

Technical Architecture & Governance: I developed and managed the overall systems, application, and integration architecture blueprints for the organization with the flexibility and scale to support the strategic direction while enabling competitive differentiation.

Engineering & Software Development: I transformed software engineering practice within organizations involving software design, testing, and implementation areas. Introduced effective management across full software lifecycle from conception to quality assurance to release, and steadily improving success of software projects.

Program Governance: I enabled a PMO spanning the full SDLC; enabling a framework to support IT governance and ensure alignment to business goals. I implemented an Enterprise Portfolio Management Tool; creating a platform to provide visibility and relative value of initiatives to senior management, facilitating prioritization and financial management.

Data and Business Intelligence: I was responsible for leading various initiatives including introducing data-lake, enabling operational data store, improving data warehouse practices, and building out customer data integration. Introduced initiatives to address the overall business challenges due to fragmented systems, regulatory requirements, complexities of the organization structure to meet the earning expectations of shareholders. I developed a BI roadmap to provide historical, current, and predictive views of business operations transforming data into actionable information to improve overall decision making.

ERP, Finance, and Budgeting: I had responsibility for leveraging and plumbing various SAP modules including production planning, materials management, supply chain, and FICO. Core team member involved in business process transformation initiative accelerating the financial close process, revamping general ledger and chart of accounts consolidation efforts. I have experience defining and implementing Oracle financial improving GL accounting/financial processing, and enabling superior internal controls. Introduced vastly improved yearly budgeting process and periodic tracking and reporting; improving forecasting, planning, executing, and monitoring to the agreed upon budget plans.

Strategic Vendor Sourcing: From a strategic sourcing perspective, I have had responsibility for on-shore and off-shore resources, driving strategic vendor partnerships across technology and business areas, shared services and shared view enablement, and improving vendor sourcing and procurement practices.

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EVP, ENTERPRISE ARCHITECTURE & EMERGING TECH / ZIONS BANCORPORATION (2016 – PRESENT)

As Head of Enterprise Architecture and Emerging Technologies, oversee technology and operations strategy, architecture, roadmap, innovation and transformation across the firm.

Digital and Core Transformation – Revamped delivery model for arduous long running transformation program using minimum viable product mindset and able to go-live in Q2 2017 (phase 1) and Q1 2019 (phase 2). Embarked on enabling end-to-end, Omni-channel digital banking strategy across multiple LOBs and transforming employee, user, and customer experiences. Enabling banker digital desktop for relationship managers, wealth managers, and commercial bankers using Salesforce CRM and Salesforce Financial Services cloud.

Cloud Transformation – Enabling cloud strategy and adoption across the company. Delivering a hybrid cloud strategy, starting with private cloud platform enablement, and dual public cloud platforms. Successfully migrated investments area to AWS, including FX and QRM processing with APIs. Currently driving Microsoft O365 and OneDrive (on MS Azure) plus digital banking systems on Amazon AWS.

Strategy, Business/Technology Architecture & Governance – Driving strategy and target operating model formalization across key business units, including: retail, commercial, treasury, payments, and wealth. Establishing Technology Roadmaps for all technology and business areas, running enterprise technology council with key leaders along with CEO, strengthening architecture review board practice and management. Provide oversight and delivery over security architecture and roadmap.

Engineering Team – Overseeing engineering function focused on strategy, roadmap, and execution towards infrastructure modernization, data-center consolidation, cloud enablement, O365 and productivity leaps, middleware engineering and roadmap, digital workplace and experience management, security architecture, data and reporting overhaul.

Enterprise Portfolio Planning – Driving portfolio investment management using updated strategy, enterprise architecture, and information technology mapping to better align organization's needs and focus (>$150mm). Enabling delivery across more than 1000+ technology staff within various business units.

Emerging Technologies – Managing a remote R&D team based in Seattle with the focus being on new Fintech and banking technologies, including blockchain, lending, and payments areas. Driving innovation across various areas, including: infrastructure, data, application development, integration, and cloud.

Human Capital – Built out a team with an excellent mix of talent across the broad; driving focus on enabling women in technology, minority hires and leadership career planning. Current team size is 52 FTEs excluding consultants/contractors.

HEAD, CTO OFFICE / RAYMOND JAMES FINANCIAL, INC. (2015 – 2016)

As a Global Head of CTO office, I am responsible for overall IT Strategy, Architecture, Engineering, Innovation, Budgeting/Investment, Vendor Mgmt. functions. Managed a team of about 68 FTE excluding contractors.

Chair – Technology Architecture Board and overseeing strategic technology outlay, IT roadmap, and architecture review and approval procedures. Member Technology & Operations strategy committee.

Strategy and Architecture –Delivering multi-year business & technology roadmap definition, infrastructure architecture, next gen advisor platform, & digital platform transforming wealth, asset management, capital markets, & RJ Bank business lines. Centralized demand management and portfolio oversight to enable smooth PMO execution and business roadmap alignment.

Budgeting & Investment – Running IT as a business and advancing Bill of IT to business units. Collaborate with CIO and executive committee on yearly project budget planning, review, approval, and monthly reporting (Overall ~$220mm)

Large Engineering & Innovation Team – Oversaw IT engineering team driving innovation and adoption of emerging technologies. **Efforts include**: Data overhaul, Desktop revamp, ERP and Oracle GL consolidation, advisor and enterprise platform development, DevOps/PaaS POC, Mobile, and search platforms.

Vendor Management Office – Manage strategic vendor relationships, negotiations, and deal pipeline management. Establishing strategies towards download, build, or buy. Managing total vendor spend of about (FY '15 ~$229mm).

VICE PRESIDENT, TECHNOLOGY ENGINEERING & OPERATIONS / GOLDMAN SACHS, INC. (2011 – 2015)

Responsible for Technology of margin, client sub-ledger, valuations business units. Managed USD ~$88mm budget, and a global team of managers, architects, software lead/engineers, service delivery team across: Salt Lake, New Jersey, & Bangalore. Managed team of about 125 FTEs excluding contractors.

Engineering & Software Head – Operations technology engineering and software development, quality assurance, architecture, capacity management and establishing technology policy for organization. Technology strategy and execution for data, cloud, infrastructure, hardware, storage rationalization, & business continuity planning.

Product Design & Development – Design, development, and delivery of core ledger systems, margin, valuations, statements, exceptions, reporting, data-lake, enterprise data warehouse, and analytics. Oversee product life cycle, agile delivery models and global operations.

Chair – Enterprise Architecture Board and overseeing strategic functional, data, and technical roadmap, standards and governance procedures.

PMO BU Head – Driving project review board efforts and setting project management methodologies/standards.

State Street GSAS – Team Lead for sub-ledger transition after Goldman Sachs Administration Services (GSAS) sale to State Street.

Risk Officer - Provide architectural, technical guidance, SDLC practices; facilitate risk/change management – one of the firm's **technology risk officers**.

LEAD - DEVELOPMENT, OPERATIONS, ARCHITECTURE / MICRON TECHNOLOGY, INC. (1998 – 2011)

Responsible for delivering IT Strategy, Roadmap, Development, and Operations for Micron manufacturing facilities. Member of IT leadership team for M&A, Greenfield investment, PCT, Quality, and other Manufacturing project efforts. Managed multiple teams including development, project management, and architecture.

Software Engineering Lead – Managed a team of developers focused on design, development, and delivery of Micron systems and distributed technologies roadmap. Enabled and evangelized computing, encryption and best practices, SOX compliancy within critical applications. Subject Matter Expert on various SOA and messaging technologies advising other team members on a regular basis.

SOA, Messaging, and Operations Lead – Team Manager and Software Architect for API-based messaging library and infrastructure at Micron. Drive architecture and development of a large scale, fault-tolerant message oriented middleware system deployed to 9 worldwide sites serving > 100k applications with an uptime of close to five 9s.

Architecture Practice - Managed a team of solution/domain architects; provided guidance on EA process, road mapping, and SDC practice. Collaborated with regional IT site managers on roadmap & upcoming budget planning. Oversaw manufacturing IT Enterprise Architecture & Data Governance, architect and enabling multiple SAP ERP implementations including human resources, production planning. Order-to-cash, materials management rollouts.

Project Management - Manufacturing IT project & planning, portfolio management, and budgeting, planning and forecasting. Provided project leadership and managed global, huge budget ($ and resource) technical projects spearheading large scale system development efforts and integration through all phases of project life cycle. Managed software evaluation process for multiple large scale efforts, request for proposals (RFP), vendor bids, and engaged with purchasing on discussions about vendor licensing.

SOFTWARE ENGINEER @ FOURTH TECHNOLOGIES, INC. (1996 – 1998)

Merck & co. - Developed multimedia and web solutions in bringing Merck product information to patients and health care professionals. Products include: Zocor™, Fosamax™, and Singulair™. Key member of internet development team delivering medical affairs solutions for Medical Inquiry systems.

Thomson Reuters Corporation (formerly **Institute for Scientific Information** **– ISI)** - Developed systems allowing delivery of customized research information and document profile services using FTP, desktop alerting mechanism.

EDUCATION

Master of Business Administration (MBA), Boise State University, USA

Masters of Science - Computer Science (M.S), Western Illinois University, USA

Bachelor of Engineering – Computer Science and Engineering (B.E), Karnatak University, USA

ITIL Foundation Certificate in IT Service Management

PMI Certified Project Management Professional (PMP)

SKILLS

SOA/Middleware: TIBCO Rendezvous™ and SmartSockets™, RedHat MRG™, WSE 2.0, Apache Kafka.

Project/Program Management: PMP (proficient. Certification now expired.)

Data Interchange: EDI, XML, XPath, XSL/XSLT, SOAP, WSDL, REST, JSON.

Distributed Computing: Condor

Modeling/Design Tools: Rational Rose, Enterprise Architect (Sparx Systems).

Software Development: C, C++, C#, .NET, Java, SQL, UML, Perl, Shell.

Compilers & Tools: Visual Studio, GCC, PVCS™, SVN, NUnit, Cruise Control, TeamCity™, JIRA, Conductor Software Factory – full lifecycle SDLC

Database: MS-SQL Server 2005, Sybase, MySQL, Oracle, VoltDB, MongoDB, TitanDB.

Operating Systems: Sun Solaris, Linux, Windows (Desktop and Server).

Search Technologies: Apache Lucene, ElasticSearch, Solr (LucidWorks).

Big Data Technologies: Hadoop, MapR, Cloudera platforms

Infrastructure Technologies: Compute platforms, Storages (tiered, SDS), networking (datacenter, SDN, Branch)

Cloud Platforms: Hybrid, PCF, AWS, Azure

API and integration platforms: IBM AppConnect, Apigee, Mule

AREAS

IT Strategy, CIO, Chief of Staff, CTO, IT roadmap, Digital platform, Blockchain, IT Architecture, Distributed Computing, TOGAF, enterprise IT architecture, project management (PMP), talent management, matrix organization, shared services, ITIL, IT Operations, continuous integration, QA testing, SOA, messaging, AES, encryption, SDLC, MES, Automation, Manufacturing, Banking, NewSQL, NoSQL, RDBMS.