

PROFESSIONAL SUMMARY

A results-driven technical executive with hands on experience in architecture, design and delivery of enterprise-wide integrated digital technology solutions. An assertive team player with strong leadership and excellent business knowledge in financial services. Strengths include Software Development Life Cycle, Project, Resource, and Vendor Management.

Proven record of success in architecting and implementing strategic technology roadmaps, governing SDLC, delivering multiple projects simultaneously on time within the budget in a dynamic environment, building effective global teams and managing resources, implementing on-site and off-shore development models, enhancing operational efficiencies and productivity, managing the client expectations and vendor relationships, and working in a matrix reporting environment.

Accomplishments: Architected, designed and implemented enterprise-wide digital predictive analytics platform, portfolio advisory services mobile platform, global trade finance and execution platform, portfolio aggregation and performance management mobile web platform. Led infrastructure virtualization, migrate application and data services to the cloud.

Awards: Recipient of S&P Global Gold ACE Award for leadership in driving performance and operational excellence, Lehman Brothers Leadership special recognition as an involved team player and a mentor with strong leadership, Citigroup Private Bank \$10K Award for enhancing operational efficiencies and productivity.

Technology Profile: Design of Digital Enterprise Applications, Data Architecture and Business Intelligence Solutions. Delivery of Strategic Applications, Data Analytics, Data Lakes, Visualization, Functional Programming, Machine Learning, Reference Data Models, Data Warehousing and Content Management applications. Manage SDLC and PLC Governance and Business Requirements. Execute Mobile Web, SEO, CRM, AWS Cloud, PaaS, IaaS and SaaS Services.

PROFESSIONAL EXPERIENCE

S&P Global Ratings, New York, NY

Sept 2013 – Present

Director, Global Engineering and Technology Innovation Services

Architected digitization of fixed income research and macroeconomic forecasting models, developed predictive analytics models to report credit watch and market commentaries on mobile web to reduce manual operations and regulatory risk. Integrated Market Interaction Platform dashboard with Salesforce CRM to manage investor sentiment.

- Architected and executed technology roadmap to enable digitization; implemented reusable component frameworks, data ingestion and visualization, data processing and transformation solutions to build mobile web analytics platforms.
- Exhibited strong leadership in collaborating with cross functional teams and business partners in successfully implementing the enterprise digitization strategy, executing data architecture roadmap to forecast analytics models for qualitative and quantitative analysis to report credit ratings via multi channels (social, web mobile, and AWS Cloud).
- Built cross-functional global teams and delivered multiple projects on time within budget to meet client expectations. Coordinated with the Data Governance and Business Architects teams to define and develop data quality standards.
- Enhanced operational efficiencies and productivity by 25% of fixed income analysts by comingling structured and unstructured data, implementing SEO for targeted campaigns, and motivating the CRISIL CoE off-shore resources.
- Hands-on experience using SOA, SPA, J2EE, MicroServices, Spring, Hibernate, Cxf, POI, JSON, AngularJS, HTML, Python, R, NTLK, VBA, C#, Node.js, Oracle, NoSQL, DynamoDB, EMR, MicroStrategy, QlikSense, Hadoop, Spark, ETL, CRM, Crownpeak, SEO, Web Mobile, Liferay, Tomcat, Weblogic, AWS Cloud, .NET, Linux, DevOps, MS Office.

HNW, New York, NY

Feb 2013 – Aug 2013

Director, Enterprise Architecture and Shared Services

Managed technology architecture and infrastructure of portfolio advisory and email marketing services for Financial Advisors, and enhanced technology operational efficiencies to meet the demand of onboarding new business sectors.

- Successfully re-architected portfolio advisory services and re-engineered data marts to migrate applications to RedHat Cloud, implemented data shard to enable multi-tenancy, integrated web mobile apps with CRM and Social.
- Achieved 25% above targeted business revenue by implementing SaaS, IaaS, multi-tenancy and Cloud services.
- Reduced \$1M worth of operating expenses by delivering cost-effective solutions to clients, building reusable services and component frameworks, introducing open architectures, reference data models, and enhancing platform stability.
- Hands on experience using SOA, J2EE, REST, JSON, SOAP, JMS, Spring, Struts, Hibernate, Cxf, POI, AOP, JSP, HTML, Postgres, CRM, Social, Web Mobile, Liferay, TomCat, RedHat Cloud, Linux, CVS, Jenkins, Eclipse, MS Office.

Morgan Stanley, New York, NY

Sept 2010 – Jan 2013

Vice President, Global Wealth Management, Information Technology

Executed enterprise architecture strategic direction, instituted reference data models and SDLC governance, designed and delivered one stop view of portfolio advisory web mobile platform services for Prime Brokers and Financial Advisors.

- Architected, designed and implemented securities funding dashboards for firm-wide securities collateral management, mobile web platform solutions for portfolio advisory services, reference data and business intelligence solutions.
- Managed strategic projects, client expectations, global resources, multiple projects on time within a \$5M budget.
- Acted as a Chair for MSWM Architecture Committee member of Technology Risk Agile Scrum Green Belt and

- Enhanced 25% of product quality by adopting Agile Scrum, Reference Architecture best practices, SDLC governance, continuous integration, code reviews, zero defect policy, data warehouse and reusable component frameworks.
- Hands on experience using SOA, J2EE, MQ, JMS, C#, Spring, Struts, Hibernate, EHCACHE, SQL Servers, SSAS, SSIS, Teradata, ETL, Documentum, TomCat, WebSphere, IIS, .NET, Windows, Linux, Agile Scrum, MS Office.

Pershing, LLC. (A Division of Bank of New York Mellon), Florham Park, NJ

Jan 2008 – Aug 2010

Vice President, Enterprise Architecture and Shared Services, Information Technology

Managed enterprise applications architecture governance, acted as A Chair of Corporate Technology Council, designed and implemented trade execution flows for portfolio aggregation, product performance and account opening services.

- Defined architecture best practices, implemented reference architecture models and technical standards, designed reusable component frameworks, code cook books, aligned architecture strategy with the BNYM Corporate policy.
- Managed SDLC and requirements process, executed multiple projects within budget and delivered on-time, managed global teams, established client relationships, and act as a technical liaison to business and senior management.
- Designed client accounts registration, e-Analytics, and FINRA reports using SOA, data warehousing and business intelligence solutions. Increased 10% of new business by acting as a primary contributor in achieving CMM Level 5.
- Hands on experience using SOA, Java, J2EE, IBM MQ, Web Services, BPM, DOJO, JSP, JSF, HTML, Spring, Struts, Hibernate, Hadoop, Lucene, IBM Mainframes, JCL, SQL, Oracle, Teradata, Ingres, UDB (OLTP and MQT), ETL, CRM, WebFocus, C#, .NET, IIS, SUN Solaris, JIRA, Web Trends, CVS, Eclipse, MS Studio, UML, Twiki, MS Office.

Lehman Brothers, Jersey City, NJ

Apr 2005 – Sept 2007

Vice President, Investment Bank, Middle Office Information Technology

Delivered of the global trade finance and execution platform for cash and collateral management for Global Treasury, Finance and Prime Broker to view firm asset classes, make funding decisions and execute trades in real-time.

- Successfully delivered a real-time cash and collateral (include Derivatives, Swaps, Equities, Futures and Options) management systems for Prime Broker and Treasury for making trade financing and funding decisions.
- Saved 25% of TOC of strategic applications development by implementing the off-shore development, following RUP methodologies, and the product quality by introducing the continuous integration and effectively managing SDLC.
- Recognized as a Leader in operational excellence, successfully delivered on-time within the \$10M budget while managing constantly change requirements, executing multiple projects, global teams and vendor resources.
- Hands on experience using SOA, Java, J2EE, TIBCO EMS, BPM, RV, Hawk, AJAX TIB GI, Web Services, JMS, Spring, Hibernate, JSP, JFC, SWING, HTML, C++, UDB (OLTP and MQT), OLAP, MS SSAS, SSIS, MDX/XMLA, ETL, Business Objects, Sybase, DB2, SQL, JBOSS, IIS, Sun Solaris, JIRA, CVS, Eclipse, UML, MS Office

Citigroup, New York, NY

Sept 2000 – Apr 2006

Vice President, Investment Private Bank, Information Technology (Jan 2003 – Apr 2006)

Designed and implemented one stop view of portal application to manage consolidated security holdings and portfolio performance reports for Private Bank HNW Clients, Bankers, Service Officers and Investment Bank Prime Brokers.

- Architected, designed and developed web mobile applications for account aggregation, custom and ad-hoc reporting, e-delivery, KYC, SOX compliance and Basil II using SOA bus architecture, data warehouse model and BI frameworks.
- Managed \$10M budget, global teams, vendor resources including RFP and SOW processes, SDLC governance, and delivered projects on-time within the budget. Reduced \$1M of TOC by executing the off-shore development model.
- Improved 25% of product quality by adopting zero defect policy, RUP and Six Sigma methodologies. Acted as a technical liaison for senior management. Managed constantly changing requirements and met client expectations.
- Hands on experience in using Java, J2EE, Struts, WebLogic Portal, WLI, XML, JAXB, MQ, JMS, Web Services, JSP, HTML, C++, Orbix, RMI, PL/SQL, Oracle (OLTP & OLAP), ETL, RSA, Interwoven, Webtrends, UML, CVS, MS Office.

Vice President, Investment Bank, Global Fixed Income Technology (Sept 2000 – Dec 2002)

Designed and implemented municipal bonds trade execution and syndication deal processing platforms, automated bond pricing models and published best bids and offers on web for Prime Brokers and Institutional Clients.

- Successfully implemented trade execution dashboards and order routing systems, developed real-time pricing models, integrated market data feeds and back office order processing, and supported muni-bond trading front office.
- Architected, designed and implemented Syndication Deal processing dashboard for managing municipal bonds. Implemented reusable components and frameworks for Fixed Income trade processing and execution.
- Hands on experience using C, C++, Java, J2EE, Web Services, MQ, JMS, OrbixWeb, TIB RV, RMI, Struts, SWING, JSP, AJAX, HTML, SQL, Sybase, Weblogic, FIX, SWIFT, TOGAF, CVS, Eclipse, Unix, Windows, MS Office

ADDITIONAL RELEVANT EXPERIENCE

Credit Suisse, New York, NY - Vice President

Chase Manhattan Bank, New York, NY - Sr. Technical Officer

Salomon Brothers, Rutherford, NJ - Sr. Programmer

Wyeth Ayerst Research, Inc., Princeton, NJ - Programmer

EDUCATION

Masters in Computer Engineering, Stevens Institute of Technology, Hoboken, NJ

May 1990

PROFESSIONAL DEVELOPMENT

Adjunct Professor, Raritan Community College, NJ

Agile Scrum Green Belt, Capital Markets, Morgan Stanley, NY

Six Sigma Green Belt, Pershing, Inc., Jersey City, NJ

Series 7 Training Course, Citigroup, NY