

TOM PARETTE

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SYSTEMS ENGINEERING DIRECTOR

Provide Depth & Business Value to Technology Sales

Innovative leader who has built, and managed presales / systems engineering organizations in player and coach roles. Consulted with customers across application and infrastructure domains with extensive breadth of skills across financial services industry, leveraging new models such as cloud computing and open standards they deliver. Furnish business relevant solutions communicating with architects to C-level executives with a passion for the technology industry.

Expertise in:

- **Cloud Computing & Cloud Workload Migrations**
- **SOA & Microservices Architecture**
- **Omni-Channel Solutions**
- **Legacy / Core Transformation**
- **Enterprise Architecture**
- **Continuous Availability Design**
- **Mobile / Web Architecture**
- **Payment Solutions**

PROFESSIONAL EXPERIENCE

NCR CORPORATION, Atlanta, GA

2016 - 2019

Director, Systems Engineering

Manager and chief customer facing pre-sales architect for North America / Central Latin America NCR Financial Services Business which includes North America, Caribbean, and Latin America Major Accounts, North America Community Financial Services Accounts, and NCR Digital Banking (formerly Digital Insight).

- Organized and hired new presales organization for NCR Financial Services business, providing technical depth to sales team which previously didn't exist.
- Became domain expert for cardless / wearables authentication, furnishing thought leadership position for NCR in new technology offering.
- Delivered complex banking channel architecture, which facilitated key software win for large financial institution customer.
- Developed metrics to measure value of Systems Engineering team on business impact, driving incremental sales.
- Provided technical leadership for troubled products / programs, reducing negative impact on customer satisfaction.

IBM CORPORATION, Charlotte, NC

Executive I/T Architect / Chief Architect Bank of America

2008 - 2016

Worked across all business units including consumer banking, commercial banking, global wealth management, technology, and infrastructure. Routinely interfaced with C-level executives in technology and business units. Established technical strategies, facilitated JAD / design sessions, led team of technical resources. Served as technical advisor to other large financial institutions.

IBM CORPORATION (Continued)

- Architected next generation mobile / online banking infrastructure including design of continuously available, multi-site solution, which provided customers availability and performance needed for mobile first / digital solution.
- Oversaw solution assurance reviews, ensuring solution design and delivery would meet customer expectations.
- Created active / active architecture for Bank of Tokyo-Mitsubishi (BTMU), eliminating scheduled and unscheduled downtime.
- Developed roadmap for Japan Trustee Services Bank (JTSB), modernizing core deposit systems to reduce cost and improve availability.
- Designed 3 site architecture for Is Bank (Turkey), moving workload across 3 datacenters without customer impact.
- Consulted with Bank of China on infrastructure modernization, allowing them to move to next-generation application architecture.
- Performed solutions assurance review for Industrial and Commercial Bank of China (ICBC), world's largest bank, validating "site switch" datacenter failover architecture could be successfully implemented.

Executive I/T Architect / Chief Architect Wachovia / First Union

1998 - 2008

IBM chief technical resource for 4th largest US bank / financial institution. Led solution design / assurance for bank solutions including core banking, front office, online banking, etc.

- Designed 1 of the first large scale SOA implementations in banking, supporting online financial transactions and extending to call center channel.
 - Design and ensuing implementation won regional chamber of commerce technology award.
- Developed message broker-based solution to quickly facilitate merger of 2 banking entities, allowing each legacy bank to run existing core systems during transition.
- Established datacenter topology for merged bank, supporting regulatory requirement for business continuity and disaster recovery.

ADDITIONAL RELEVANT EXPERIENCE**IBM GLOBAL SERVICES**, Charlotte, NC, **Consulting Architect / Development Manager****IBM CORPORATION**, Charlotte, NC, **Application Developer / Development Manager****PRESENTATIONS / PUBLICATIONS**

Personal blog/website: <http://www.tomparette.com/>

Implementing Mainframe SOA Services for Online Banking

Designing a Continuously Available On-line Banking Architecture

IBM Academy Study on Continuous Availability (co-authored)

Core Modernization in a Cloud Computing World