



TOMMY WANG

EXPERIENCED SOFTWARE ARCHITECT & PRODUCT ENGINEERING LEADER ☎ 4165876908

◦ DETAILS ◦

4165876908
TWANG090@YAHOO.CA

◦ LINKS ◦

[linkedin](#)

◦ CERTIFICATIONS ◦

Azure Solutions Architect Expert
Azure Developer Associate
Google Cloud Certified Professional
Cloud Architect
The Open Group Certified: TOGAF® 9
Architect
Project Management Professional
(PMP)®
ITIL V3 Foundation
Multiple Microsoft stack
Certifications (MCSD)
SUN Certified Java Programmer

◦ LANGUAGES ◦

English
Mandarin

👤 PROFILE

TOGAF & PMP titled technical enthusiast, dedicated in building complex enterprise grade software, with expertise in integration domain on-prem and in cloud (certified architect on Microsoft Azure/Google Cloud)

Tommy played key roles in multiple strategic programs, with 20+ years' experiences as team lead, consultant and architect, with rich experiences in financial service sector (banking/insurance)

🏢 EMPLOYMENT HISTORY

Solution Architect at Concentra Bank, Regina

January 2021 — Present

- Envision, road-map and execute the bank's first retail platform (web & mobile), revamping the bank's internal system for retail deposits, mortgage on-boarding/servicing and risk management platforms
- Integrate bank's digital channel with 20+ systems, including core banking, salesforce CRM, treasury and data warehouse

Cloud Solution Architect at RBC (contract), Toronto

May 2020 — December 2020

Senior solution architect on SA&I initiatives,

- Architecting event sourcing micro-services for RBC Mobile Wallet app
- Solution design for cloud native Virtual Clean Room (a rule based merchant campaign program), built on a combination of Azure IaaS/PaaS services, e.g. Azure Confidential Compute, SQL Always Encrypted Enclave and M-HSM Key Vault
- AML enablement on Dynamic Cad Papraid Platform
- Host internal team whiteboard sessions and solution review presentations for stakeholder & sponsors at Design Authority.

Solution Architect at ATB Financial (full time), Calgary

February 2018 — April 2020

Solution architect for the bank's digital transformation program,

- Microservice architect in building Enterprise API for a range of payment portfolio services, includes EFT, bill payments and payment card transactions, on Google Cloud Platform (GKE/Springboot/Auth0 IAM)
- Drive end to end architecture for fraud/AML enablement for retail/business onboarding, transactions and cheque deposits. Work with business team to define risk taxonomy, solution architecture design for channel integration pipelines
- Collaborate with peer architects in facilitate and record the architecture pattern, principle and decisions
- Participates in payment modernization projects, on ISO 20022 standard adoptions and on RTR planning sessions with Payment Canada
- Key player in enterprise portfolio review sessions for architectural decision reviews, capability planning and road map executions
- Participated in scrum workshops, champion of scrum processes, authoring knowledge base confluence

Integration Architect at HoltRenfrew Inc (contract), Toronto

July 2017 — February 2018

Solution architect on ERP transformation program,

- Built on top of Azure platform leverage a slew of IaaS/PaaS services
- Champion and drives the retailer's core architecture on event based serverless compute platform
- Designed solution for ERP to store system integration
- Design solution to enable OData service backend to support mobile channel
- Work with Enterprise Architect on roadmap planning and executions

Development Consultant at Manulife Financial (full time), Waterloo

March 2013 — June 2017

Senior technical leader in Canadian Retail group,

- Split efforts between solution major modernization programs and senior technical leadership role in application management on existing portfolios.
- Work closely with business stakeholders, identify and enhance Individual Insurance business unit enterprise service bus, led the implementation for straight through policy settlement, health metric collection etc.
- Led the development and support enterprise ESB implementation, implement CI/CD pipeline via Jenkins
- Member of Technical Leadership Group in Canadian Division Retail markets open systems team, develop and maintain enterprise Roadmaps, technology target states, position papers and policies.
- Private cloud implementation, cloud migration of high profile key systems
- Microservice solution development, private PaaS implementations with cloud foundry
- Hands on development and played key SME in integration domain, enhance and troubleshoot Arrow (the Retail Markets business unit service bus)

Sr. Consultant at Dapasoft Inc (contract), Toronto

October 2010 — February 2013

Senior consultant on a number of healthcare initiatives,

- Hospital IT system integration for EHealth Ontario's Connecting GTA CDR Registry
- Cancer Care Ontario Enterprise Service Bus
- SAP ERP Integration for Shared Services West, for MM and finance modules
- Multiple PoC for hospital IT system integration
- Response to RFP requests, orchestrate vendor onsite brainstorm sessions, leads from architecture design, development implementation to knowledge transfer

Solution Architect at Berkely Payment (contract), Toronto

January 2009 — October 2010

Lead the design of the financial integration hub between clients, partners, banks, card issuers and logistic providers, issuing prepaid VISA cards for enterprise clients.

Sr. System Designer at Manulife Financial (contract), Toronto

October 2006 — December 2008

Enables the secure online real-time settlement of insurance policies for Affinity Markets, which is the first of its kind in Canada.

Consultant at Avanade (contract), Toronto

January 2006 — October 2006

Technical lead on enterprise service bus implementation for RBC insurance's NEXUS program for broker and commission systems.

Solution Developer at AMA (contract), Toronto

April 2003 — December 2005

Workflow automation, document repository management.

Solution Developer at China Telecom (full time), China

September 2000 — January 2003

Help to establish national CA authority.



EDUCATION

BA Science, Dongbei University of Finance and Economics, Dalian, China

September 1996 — July 2020

Management Information System



REFERENCES

References available upon request