**[Name]** Franki Wong

**[Position]** Solutions Architect

## [Summary]

Franki is a dedicated Software Solution Architect, channels his passion for diligent research and architectural design into creating robust on-premise and cloud-based solutions, particularly within the Azure and AWS ecosystems. Franki extensive track record of successfully delivering key industrial and government projects showcases his ability to translate intricate software designs into tangible, high-impact solutions. With a remarkable portfolio spanning more than 27 satisfied customers, including government entities, Franki's enthusiasm for meticulous research and innovative design shines through in his seamless integration of systems like CRM, ERP, Procurement, Sourcing, Contract, Supplier Performance, Invoice, Compliance, Payroll, HR, ensuring the utmost efficiency and effectiveness in every project.

## [Expertise]

- **Programming Languages: C#, C++, JAVA, JavaScript, TypeScript ES5/ES6+, XSLT, XPath, CGI, Bash, Perl, Batch, Powershell, Dexterity**
- **Front End:  Blazor, Angular, ReactJS, Xamarin Forms, WPF, WinForms, Webpack, jQuery, BootStrap, CSS, REST API, Web API, WCF Web Service, GraphQL, .NET Framework / Core / Standard, ASP .NET Core / Standard, MVC, Web Forms, Micro Services, Web Services, Microsoft Graph API, Entity Framework / Entity Framework Core, NHibernate, Hibernate, ADO xUnit, NUnit, Node.js, CDN, Docker, Kubernetes, Containers, Elsa Workflow, ABP Framework, OpenGL**
- **Database: SQL Server, MySQL, SQLite, Elastic Search**
- **Data Science, Analysis & BI: Power BI, Machine learning, SSRS, SSIS, SSAS, Telerik Reporting, Excel**
- **DevOps: Azure DevOps, TFS, Git, Visual SourceSafe, Continuous Integration (CI), Continuous Delivery (CD), Apple Developer, Apple Business, Google Play Store**

- **On-premise: IIS, JBoss, WildFly, Apache HTTP Server, Apache Tomcat, Oracle Weblogic Server, ODBC, JDBC, eConnect, GP Webservice**
- **Microsoft Cloud: Azure Service Bus, Azure Web Services, Azure Static Web App, Azure Logic Apps, Azure Functions, Azure SignalR Service, Azure B2C, Azure AD, Azure Blob Storage, Azure Table Storage, Azure AI Bot Service, Office 365, SharePoint Online**
- **Amazon Cloud: Amazon EC2, Amazon S3, AWS WorkDocs, AWS Workspaces, AWS IAM**
- **Architectural Styles: Microservices, Service oriented, Serverless, REST, Component based, Event-driven, Layered, Monolithic, Client server/N-Tier**
- **Enterprise Tools: SAP Ariba On-Premises, SharePoint Online - 2007, Teams, Slack, Dynamics CRM, Confluence**
- **SDLC: Scrum, Kanban, XP, Agile, Waterfall**
- **Networking: Cisco**

## [Certification, Education]

- **Bachelor of Computer and Information Sciences Majoring In Software Development, Auckland University of Technology**
- **Cisco Certified Network Associate (CCNA) Career Certification – Level 1**
- **AgilePM® Project Management Foundation Examination**
- **Cross-platform Mobile Development - Xamarin University**

Notable recent project highlights include:

## [Experience]

| Year | Industry (Customer) | Location | Product | Role & Solution Responsibilities |
|---|---|---|---|---|
| 2017-Current | Otago Regional Council | Dunedin | Go, integrations with MYOB PayGlobal and SunSystems | Design, implementation, and support of the Go platform. Implement the integration between Go with SunSystems and MYOB PayGlobal includes:<br>1. PayGlobal Master Employee data to Go<br>2. PayGlobal Employee Leave Balance to Go<br>3. PayGlobal Manage/Employee Approval Rules to Go<br>4. Go Daily Hours Worked Report to PayGlobal |

| | | | | |
|---|---|---|---|---|
| | | | | 5. Go Approved Timeslot Hours, Leave and Expense to PayGlobal<br>6. Go Approved Timeslot Hours and leaves to SunSystems<br>7. Go Approved Expense Claims to SunSystems<br>8. SunSystems Job and GLCode to Go |
| 2012-Current | J Swap Contractors Ltd | Matamata | LoadIT, Go and EDI integrations with Dynamics GP, Business Central, Ballance and various systems | Design, implementation, and support of the LoadIT Software. Implement the integration between LoadIT with Dynamics GP, Go and Business Central includes:<br>1. Business Central Sales Order, Purchase Order, Transfer Order, Customer, Address, Contact, SMSContract, Product, Mix Template to LoadIT<br>2. LoadIT order completion and journal line to Business Central<br>3. LoadIT invoice to Dynamics GP<br>4. Go invoice to DynamicS GP<br>5. LoadIT order/job, vehicle, customer, product, docket to Weighbridge<br>6. Weighbridge job to LoadIT<br>7. LoadIT master job, vehicle to Go<br>8. Go job to LoadIT<br>9. LoadIT/Go to Road User Charge |
| 2013-Current | Ministry for Primary Industries | Wellington | Go, integrations with biz talk, HR Kiosk and AMS Payroll | Design, implementation, and support of the Go platform. Assist with creation & development of high value product & platform features including:<br>1. Activity Management<br>2. Resource Management<br>3. Expense Management<br>4. Payroll integration<br>5. Invoicing/crediting<br>And creation & development of integrations including:<br>1. Go Invoice/Credit to BizTalk<br>2. HR Kiosk Leave Request to Go<br>3. Go Award interpretation to AMS<br>4. Go Timesheet to AMS |
| 2012-Current | Brother International | New Zealand | Design, implementation, and support of the Trader platform. Assist with creation & development of EDI Integration with Share point, Warehouse Stationary Limited, Ingram Micro, Appliance Connexion, Noel Leeming Group, Nutech, Office Max, Imaging Solutions Group, Smart Freight, Quanta/Genero ERP, Brother Japan SAP, B2BE and DX2. | Design, implementation, and support of the Trader eCommerce platform includings: Cashback, Product management, Product Catalogue, Basket and Ordering. Implement EDI integration with various system.<br>1. Ingram Micro Sales Order to DX2 to Brother<br>2. Brother Invoice/Credit to DX2 to Appliance Connexion<br>3. Noel Leeming Group Sales Order to DX2 to Brother<br>4. Office Max Sales Order to DX2 to Brother<br>5. Nutech Sales Order to DX2 to Brother<br>6. Brother Invoice to DX2 to Warehouse Stationary<br>7. Trader product availability to CRM<br>8. BITCO calculator to Sharepoint<br>9. Brother invoice credits to DX2 to B2BE |

| | | | | |
|---|---|---|---|---|
| 2012-Current | Quotable Value Limited | Auckland | Go, EDI Integration with Dynamics GP and BI360 | Design, implementation, and support of the Go platform. Assist with creation & development of platform features and EDI integration with Dynamics GP.<br>1. Go to BI360<br>2. Go Invoice and Credit Note to Dynamics GP<br>3. Dynamics GP Payment to Go |
| 2012-2016 | Woolworths Group Limited | ANZ | eCommerce | Design, implementation, and support of the Trader eCommerce platform for Countdown, Woolworth. Assist with creation & development of high value product & platform features including: Product list, Product Bundles, Order processing engines, Credit Card payment, Refund, Rich Relevant Integration, Registration, Sitemap and Azure cloud migration. |
| 2011 - 2015 | Accident Compensation Corporation (ACC) | Wellington | SAP Ariba On-demand Upstream | Design, implementation, and support of the Ariba platform. Assist with creation & development of sourcing and procurement including: Ariba Contract Management, Ariba Supplier Performance Management(SPM) and Ariba Spend Visibility. |
| 2012-2014 | Ministry of Education | Wellington | SAP Ariba On-demand Upstream | Design, implementation, and support of the Ariba platform. Assist with creation & development of sourcing and procurement including: Ariba Sourcing, Ariba Contact Management, Ariba Supplier Performance Management(SPM) and Ariba Spend Visibility. |
| 2015-Current | Cottonsoft Limited | New Zealand | EDI Integrations with Dynamics GP | Implement the integration Promax PX with Dynamics GP includings:<br>1. Sales Data Transfer<br>2. Accrual Transfer<br>3. Payment Transfer<br>4. Off Invoice Transfer<br>5. Off Invoice Promotion Transfer |
| 2016-2021 | Tatua Co-Operative Dairy Company Ltd | New Zealand | AP E-cert integration with Ministry for Primary Industries | Design, implementation of Animal Product E-cert integration with Ministry for Primary Industries |

Other customer includes: CGU Insurance, Independent Timber Merchants Co-operative Limited, New Zealand Media and Entertainment, Ashburton Trading Society Ltd, Viridian Glass, Southbase Construction, Integrated Foods Marketing Limited/ Lamb Club Marketing Limited, The Warehouse Ltd, Big Save Limited, AMI Insurance Ltd, South Canterbury District Health Board, Pub Charity Inc, FarmRight Limited, BCITO, MiniTankers - A Division of Z Energy Limited, Wesfarmers Industrial and Safety NZ Limited, Integrated Foods Ltd, Claymark Limited (In Receivership), The Lion Foundation 2008, Ashburton Licensing Trust, Stamps of Approval Ltd, Haka