SUMMARY

**TOGAF** certified accomplished professional with over 18 years of experience in the IT industry and financial services, seeking a challenging role where I can apply my extensive expertise in multiple architecture domains, strategy development, and business consulting, with a focus on **digital transformation**. Proven track record of delivering major business solutions into production within various large organizations.

KEY SKILLS & COMPETENCIES

* Solution Architecture
* Digital Transformation
* Project Compliance
* Technical Leadership
* Business Risk Management
* Performance Optimization
* Scalability Planning
* Security Compliance
* Agile Methodologies

TECHNICAL SKILLS

# Technology: .NET Core, C#, Java, Microservice, API, Entity Framework, React, Angular

* **Databases**: MS SQL, Oracle, No SQL, Pl/SQL

# Distributed Caching: Redis

* **Event Driven Architecture**: Rabbit MQ, KAFKAs
* **Modelling Tools**: MS Visio, Lucid Chart
* **Version control**: GIT, Bitbucket, SVN
* **Task & Project Management**: JIRA, Confluence
* **Cloud**: AWS and AZURE

PUBLICATIONS - Authored a comprehensive book on [**Event-Driven Architecture (EDA) for beginners using RabbitMQ and .NET framework**](https://www.amazon.com/dp/B0CW1HK9CL/ref=sr_1_1?crid=2BG57HNY2K082&dib=eyJ2IjoiMSJ9.R0IUfC84FTPVM9lHn7Bm5w.-cJQRP0Dg45GmeAkmoSm_HLpQPqi17y8jDMJXQcVNDg&dib_tag=se&keywords=9789355516923&qid=1711783336&sprefix=%2Caps%2C899&sr=8-1), aimed at demystifying complex concepts and facilitating practical implementation.

WORK EXPERIENCEs

**Company: Westpac Bank ( Sydney) AUG 2021 - Current**

**Senior Solution Specialist**

**Responsibilities:**

* Defined current, **transition**, and **target state** solution architectures in alignment with domain and group architecture, incorporating experience across multiple architecture domains.
* Spearhead the successful delivery of solutions, overseeing the detailed **design** across the entire project and program portfolio.
* Applied deep expertise in the **banking domain**, specifically in **Customer Complaints, Online Banking** and **Business Lending**, to define solution architectures that align with overall domain and group architecture.
* Conducted thorough **architecture impact assessments**, evaluating the implications of proposed changes on existing systems, and prepared comprehensive documentation outlining the impact on various architecture domains.
* Ensured the delivery of critical **architecture artifacts**, including detailed documentation and architectural diagrams, to effectively communicate the proposed solutions, impact assessment, and change details to stakeholders and project teams.
* Designed and implemented **Event-Driven Architecture (EDA)** for business lending solutions using Kafka, enabling real-time data processing and seamless integration of disparate systems.
* Led the end-to-end development lifecycle of the EDA framework, from conceptualization to production deployment, ensuring scalability, reliability, and performance optimization.
* Set direction and oversight for the consistent use and application of **tools**, **standards**, **methods**, and **processes** to ensure that quality applications are developed with consistent maintainable code which supports risk and compliance management.
* Apply expertise knowledge of systems to inform **Architecture** and **Solutions Design** on optimal designs to ensure high quality solutions are delivered to the business.
* Deliver **cost estimates** for the design and development phase in partnership with the architect, business analysts, project management, subject matter experts and solution providers for projects to provide accurate and timely cost estimates.
* Provide **subject matter expertise** and advice regarding application asset lifecycle management, contribution to end-end incident recovery, problem resolution, service continuity management and asset integration points within the bank.
* Lead the diagnose and resolution of complex service (**cross infrastructure/application**) issues that may arise during the application/development life cycle to ensure effective development, maintenance, and support of applications.
* Collaborate with **vendors** and **offshore partners**, ensuring their effective contribution to the delivery portfolio and overall project success.
* Provide oversight and validation of proposed complex changes to business services to ensure ongoing stability and sustainability.
* Ensure that agreed standards and processes within **Westpac** are adhered to ensure fulfilment of regulatory obligations.
* Track **solutions** through all phases and escalate issues to maintain effective governance, reporting and control.
* Provide high-level technical expertise to business/technology **stakeholders** to support relevant Suppliers and other business stakeholders.

# Company: Colonial First State (Sydney) January 2020 – July 2021

**Solution Specialist**

**Responsibilities:**

* + Translate **business requirements** into detailed architecture and designs.
  + Design and develop **robust, scalable, high performing, customer centric solutions**.
  + Involved in **architecting**, **design**, and **development** of **Microservices** oriented architecture implementation with multiple autonomous Microservices.
  + Exposure of using **CQRS** and **DDD** pattern in Microservices.
  + Used API gateway pattern, acting as service providing single - entry point for Microservices. **Azure API Management** has been used for API Gateway needs.
  + Implemented **Health Checks** monitor for services and container using built in .net core features.
  + Used **Azure key-vault** per microservice for per environment (Development, Pre-Production and Production)
  + Implemented **Asynchronous** event-driven communication where one microservice published events to an event bus and many Microservices subscribe to it to be notified. The event bus has been created using **RabbitMQ**.
* Implemented TDD using NUnit per Microservices including Unit Tests and Functional/Integration Tests. Contribute to the common “one team” mindset that includes collaboration and a sense of joint responsibility between Westpac teams and suppliers.
* Maintain focus on industry and technical trends to allow evaluation and recommendation of changes to the business strategy/ architecture and application development and maintenance within all application domains.

# Client: Westpac Bank July 2013 – Dec 2019

# Company: Tata Consultancy Limited

**Technical Lead - Responsibilities:**

* Document all technical requirements and design technical solutions utilizing architecture standards including all solution components and configurations.
* Involved in the SDLC phase of requirement analysis, design, and development of the web-based application using Asp.Net Core, Rest API, and SQL Server.
* Customized RESTFUL Web Service using RESTFUL API, sending JSON format data packets between front-end and middle tier.
* controller.
* MS SQL Server (T-SQL) procedures and functions.
* Experience in working with React, services, templates, directives, services and dependency injection to create a SPA.
* Documents develop and test features on an iterative basis using the AGILE and SCRUM approach.
* Integrated Swagger for interactive documentation and API discoverability.
* Help the development team in terms of debugging, good practice, performance monitoring and tuning.
* Design and develop robust, scalable, high performing, customer centric solutions.

# Client: Standard Chartered Bank (Singapore) Feb 2013 – June 2013 Company: Tata Consultancy Limited

**Responsibilities:**

* Led team of developers in the delivery of technical systems and components
* Ensured on-time, quality release of systems and components.
* Provided technical direction to development teams.

# Client: Humana. Sep 2011 – Feb 2013

**Company:** TCS Ltd

**Responsibilities:**

* Responsible for the initial implementation of MVC 6.0. C#, WCF solution for SCB.
* Prepare Unit Test Cases (UTC) and Integrated Test Case (ITC) for the developed code.
* The technologies used included MVC, C#, jQuery, TSQL and SQL Server 2012.
* Responsible for code reviews, code support, mentoring and coding to meet deadlines.

# Company: UnitedHealth Group Aug 2007 – Aug 2011

**Responsibilities:**

* Test, debug, diagnose and fix defects in the applications as per established testing protocols, guidelines, and quality standards to ensure that applications perform to specification.
* Analyze the features of the application, which were performing slower than expected and improve the performance to ensure that non-functional performance requirements are met.

# Company: Fidelity Feb 2006 – Aug 2007

**Responsibilities:**

* Web Application development using ASP.Net and C#, SQL Server 2005 for the Application.
* Actively involved in SDLC Coding Standards, Unit testing & Integration Testing.
* Bug Fixing & Configuration Management using Microsoft Visual SourceSafe
* Participate in application performance testing and tuning initiatives.

# Company: CMC Ltd Aug 2004 – Feb 2006

**IT Engineer – Responsibilities:**

* Maintenance and support of .NET Based application.
* Actively involved in SDLC Coding Standards, Unit testing & Integration Testing.

QUALIFICATION & ACCREDITATION

* Masters in information technology
* Bachelors in computer application

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| EMPLOYMENT SUMMARY | | |
| Westpac Bank | Senior Solution Designer | Aug 2021-Till Date |
| Colonial First State | Solution Specialist | June 2020 – July 2021 |
| Tata Consultancy Services Ltd. | Assistant Consultant | Sep 2011 – Dec 2019 |
| UnitedHealth Group | Senior Software Engineer | Aug 2007 – Aug 2011 |
| Fidelity Business Service Pvt. Ltd | Analyst Programmer | Feb 2006 – Aug 2007 |
| CMC Ltd | IT Engineer | Aug 2004 – Feb 2006 |