

Xian Yang Wong

Melbourne, Australia | xianyangwong@gmail.com | 0424 960 655

SUMMARY

Technical leader, architect and hands-on engineering lead with 10+ years of experience delivering enterprise digital platforms, customer systems, cloud architecture, integration services and AI-enabled engineering workflows. Experienced in leading teams, setting engineering direction, managing technical delivery, mentoring developers and translating complex business needs into scalable, maintainable technology solutions.

Strong background across Python, TypeScript, Node.js, React, PHP, Java/Spring Boot, AWS, Azure, Terraform, Apache Airflow, GCP Cloud Composer and modern AI orchestration tools including LangChain, LangGraph, LiteLLM, Langflow and AWS Bedrock. Brings a practical, delivery-focused approach to AI-first engineering, combining architecture governance, software engineering discipline and automation-led delivery improvement.

Known for operating across strategy and implementation: shaping technical direction, guiding solution design, improving engineering standards, managing delivery risk, influencing stakeholders and remaining hands-on when needed to unblock teams or validate architecture decisions.

EDUCATION

University of Melbourne

Master of Management, Marketing

Completed 2014

RMIT University

Bachelor of Computer Science

Completed 2012

EXPERIENCE

Architect

Credera, Omnicom

Feb 2026 – Present

Melbourne, Australia

- Lead solution design for enterprise digital, cloud, integration and AI-enabled initiatives from discovery through architecture, estimation and implementation planning.
- Shape technical direction across platform architecture, integration design, cloud delivery, AI-first workflows and enterprise engineering practices.
- Develop and apply agentic design and development workflows using Python and LLM orchestration tools to accelerate architecture, documentation and implementation activities while preserving review quality.
- Translate ambiguous stakeholder goals into clear technical options, implementation approaches, risks, assumptions and delivery plans.
- Partner with product, design, engineering, project and business stakeholders to align teams around maintainable, scalable and commercially practical outcomes.
- Provide architecture guidance across technical discovery, solution definition, estimation, delivery governance and implementation planning.
- Support engineering teams with pragmatic standards, reusable patterns and AI-enabled workflows that improve delivery quality and efficiency.

Associate Technical Director / Solutions Architect

Clemenger BBDO, Omnicom

Mar 2025 – Feb 2026

Melbourne, Australia

- Managed 4 direct reports and mentored senior and mid-level developers across solution design, implementation quality, delivery planning and technical communication.
- Led technical direction, estimation and risk management across web, cloud, AI/data workflow and integration-focused workstreams.
- Set and upheld engineering standards across architecture reviews, code quality, release planning, technical documentation and cross-team delivery governance.

- Acted as a technical escalation point for delivery teams, helping resolve architecture, integration, implementation and stakeholder-alignment challenges.
- Designed Azure infrastructure for RACP and supported scalable implementation planning for the myRACP portal.
- Used a self-designed agentic workflow to complete Azure design and setup work in approximately 25% of the original estimated time.
- Guided technical conversations with project, product and business stakeholders, clarifying trade-offs and ensuring delivery decisions remained practical, secure and maintainable.
- Contributed to AI-enabled engineering practices, including workflow automation, internal tooling and structured approaches for improving team productivity.

Solutions Architect / Senior Full Stack Engineer

Jun 2020 – Mar 2025

CHEP Network, Omnicom

Melbourne, Australia

- Owned architecture across enterprise web, ecommerce, customer data platform and integration projects, balancing business value, maintainability, security and delivery velocity.
- Led technical design and delivery across backend, frontend, cloud, CDP, middleware and enterprise integration workstreams.
- Designed and contributed to a custom customer data platform for MyState Bank using Python, Apache Airflow and GCP Cloud Composer for scalable data workflow orchestration.
- Designed ANZ New Zealand Consent and Preferences microservices integrated with production systems, including Java Spring Boot service integration and enterprise implementation planning.
- Led technical delivery for ANZ New Zealand International Transfers, supporting Spring Boot integration with SWIFT-related international payment flows.
- Supported Tourism Northern Territory's digital transformation by designing Python and AWS Lambda middleware and integrating Mailchimp, custom social forms and Optimizely CDP to improve customer-data activation.
- Delivered front-end and back-end platform features using JavaScript, TypeScript, React, Node.js, PHP, Shopify, Contentful and AWS.
- Contributed to production support, platform refinement, technical documentation and ongoing improvement of enterprise digital systems.
- Collaborated with product owners, designers, project managers and client stakeholders to convert business requirements into scalable technical solutions.
- Mentored developers through solution design, implementation decisions, code quality, estimation and delivery planning.

Senior Developer

Oct 2018 – Jun 2020

IE Digital

Melbourne, Australia

- Delivered high-quality digital products for enterprise clients including Bupa, Australia Post, Frank Green and the University of Melbourne.
- Worked across the full delivery lifecycle, from requirements interpretation and technical implementation through testing, release and refinement.
- Built and maintained web applications, campaign platforms and digital experiences with a focus on quality, usability and maintainability.
- Collaborated with cross-functional teams to estimate work, resolve implementation challenges and support successful project delivery.
- Provided senior development support across technical problem solving, implementation planning and production-quality delivery.

Digital Developer / Web Designer

Nov 2014 – Oct 2018

X Marketing; Charles Elena Design

Melbourne, Australia

- Partnered with product owners and project teams to deliver websites, campaign assets and digital products on time and to a high standard.
- Designed websites from client briefs and translated visual requirements into functional digital experiences.
- Created digital promotional materials including eDMs, newsletters and campaign assets.
- Supported end-to-end delivery across design, development, testing and launch activities.

- Built a strong foundation across frontend development, digital design, client communication and practical delivery execution.

PROJECTS

AI Meeting Coacher | Role: Tech Lead | Technology: Rust, Tauri, AWS Bedrock

- Led development of an AI-powered meeting coaching application using Rust on Tauri and AWS Bedrock, supporting desktop-based AI assistance, meeting feedback and productivity workflows.

Custom-Built Harness Engineering Framework | Role: Tech Lead | Technology: Node.js, Agent Skill

- Led creation of an internal engineering framework using Node.js and agent-based skills to improve engineering workflows, delivery consistency, reusable standards and team productivity.

PR Review Agent | Role: Tech Lead | Technology: Node.js, VS Code Extension

- Led development of a pull request review agent delivered as a VS Code extension, supporting automated engineering quality checks and developer workflow improvement.

AI RFP Tool | Role: Solution Architect & Tech Lead | Technology: Python, Langflow

- Designed and led development of an AI-assisted RFP tool using Python and Langflow to support structured proposal workflows, content generation and response acceleration.

Telstra RAG Proof of Concept | Role: Tech Lead | Technology: Python, LangChain

- Led development of a retrieval-augmented generation proof of concept using Python and LangChain, validating AI-assisted knowledge retrieval and enterprise response-generation patterns.

Tourism Northern Territory Data Orchestration and Middleware | Role: Solution Architect & Tech Lead | Technology: Python, AWS Lambda

- Designed and led backend data orchestration and middleware architecture to support customer data activation and platform integration across digital channels.

Mazda Welcome Brochure Platform | Role: Tech Lead | Technology: Node.js, AWS Lambda, Contentful

- Led backend implementation for a serverless brochure-generation platform integrated with Contentful, supporting scalable content-driven customer communications.

Samsung Data Orchestration | Role: Tech Lead | Technology: Python

- Led technical delivery of Python-based data orchestration workflows, supporting structured movement and processing of data across connected systems.

Custom Customer Data Platform Orchestration | Role: Solution Architect & Tech Lead | Technology: Python, Apache Airflow, GCP Cloud Composer

- Designed and led orchestration architecture for a custom customer data platform using Apache Airflow on GCP Cloud Composer, enabling scalable workflow management and data integration.

ANZ New Zealand Consent and Preferences | Role: Tech Lead | Technology: Java, Spring Boot

- Led technical delivery of consent and preference microservices integrated with enterprise systems, supporting customer preference management and production-grade backend services.

ANZ New Zealand International Transfers | Role: Tech Lead | Technology: Java, Spring Boot, SWIFT integration

- Led backend integration work for international transfer capabilities, including Spring Boot service implementation and integration with SWIFT-related payment flows.

myRACP Portal Azure IaC Setup | Technology: Terraform, Azure

- Designed and implemented infrastructure-as-code setup for the myRACP portal, supporting repeatable Azure environment provisioning and maintainable cloud infrastructure.

Sydney Airport Public Website | Role: Tech Lead | Technology: HTML, JavaScript, CSS, Java, Docker

- Led technical delivery for the Sydney Airport public website, coordinating full-stack implementation across frontend, backend and containerised development workflows.

Sydney Airport Masterplan Microsite | Role: Solution Architect & Tech Lead | Technology: React, Node.js

- Designed and led delivery of a custom microsite using React and Node.js, aligning architecture, implementation approach and stakeholder requirements.

Custom-Built EDM Builder | Role: Tech Lead | Technology: Node.js, Contentful, Campaign Monitor, Mailchimp, Litmus

- Led development of a custom EDM builder integrated with Contentful, Campaign Monitor, Mailchimp and Litmus, supporting reusable email creation, testing and campaign delivery workflows.

Telstra Best of Business Awards Portal | Role: Solution Architect & Tech Lead | Technology: React, JavaScript

- Designed and led frontend architecture for the Telstra Best of Business Awards portal, supporting a scalable, user-facing digital experience.

TECHNICAL SKILLS

Technical leadership

team management

direct-report management

mentoring

architecture governance

engineering standards

delivery governance

stakeholder influence

estimation

risk management

Solution architecture

platform architecture

integration architecture

cloud architecture

discovery workshops

technical strategy

implementation planning

scalability planning

platform selection

technical documentation

AI-first engineering workflows

agentic development systems

RAG

LLM orchestration

workflow automation

AI-assisted documentation

LangChain

LangGraph

LiteLLM

Langflow

AWS Bedrock

Python

Node.js

Java

Spring Boot

PHP
REST APIs
microservices
serverless architecture
middleware
data orchestration
Apache Airflow
GCP Cloud Composer
TypeScript
JavaScript
React
HTML
CSS
Contentful
Shopify Plus
Optimizely CDP
enterprise web platforms
campaign platforms
AWS
Azure
Terraform
AWS Lambda
Docker
GitHub
Bitbucket
CI/CD collaboration
Jira
agile delivery

CERTIFICATIONS

AWS Certified Solutions Architect – Associate — Previously certified, expired Mar 2025

AWS Certified Cloud Practitioner — Previously certified, expired May 2021

TARGET ROLE FIT

Technical Leadership and Engineering Direction: Experienced in leading engineers, mentoring senior and mid-level developers, setting architecture standards, improving delivery governance, guiding estimation and managing technical risk across complex workstreams.

Solution and Platform Architecture: Strong track record designing enterprise web platforms, customer data platforms, consent and preference services, APIs, integrations, cloud infrastructure, serverless systems and scalable digital architectures.

AI-First Engineering and Automation: Hands-on experience designing AI-enabled delivery workflows, RAG proof of concepts, agentic development systems, PR review agents, AI-assisted RFP tooling and LLM orchestration workflows using Python, Node.js, LangChain, LangGraph, LiteLLM, Langflow and AWS Bedrock.

Stakeholder and Delivery Leadership: Able to partner with product, design, project, business and executive stakeholders to clarify requirements, assess trade-offs, communicate technical direction and align teams around practical delivery outcomes.

LANGUAGES

