

# Brendan Faulds

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## AI Technical Lead / AI Architect

### Professional Summary

AI-assisted technical architect with 35 years in and around technology, the last two decades delivering enterprise solutions in Finance, Health, Defence and Telecommunications. Distinctive combination: enterprise architecture and governance discipline earned in regulated corporates, paired with hands-on ownership of multiple live, customer-facing LLM products built and shipped solo — architecture, engineering, data pipelines, deployment and compliance framing all included. Comfortable operating as the technical authority across stakeholders with no direct reporting line, translating between executive intent and engineering reality. SAFe Agilist certified.

### Applied AI Engineering — Independent Practice

*Founder / Sole Architect-Engineer — 2024–present*

- Designed and shipped Kettera ([kettera.com.au](http://kettera.com.au)): an AI governance practice for enterprise/ICT leadership, including a deterministic six-axis AI maturity assessment, an AI use-case risk classifier mapping to EU AI Act tiers and Australia's Privacy Act automated-decision-making position, and a maintained regulatory canon — built entirely client-side, cookieless.
- Built Rexe ([rexe.au](http://rexe.au)): an adaptive AI interview platform producing calibrated (not pass/fail) skills verification reports, addressing signal-versus-noise problems in high-volume hiring.
- Built DesignMyInk ([designmyink.com](http://designmyink.com)): a live AI image-generation SaaS product, freemium model, running on Cloudflare Workers, generating custom designs across 60+ styles in ~30 seconds.
- Authored the EA Centre of Excellence ([ea.rexe.au](http://ea.rexe.au)): a 27-module practitioner-led enterprise architecture curriculum, including a worked capstone case study — codifying the same architecture discipline applied across the AI portfolio.
- Full-stack ownership across all products: LLM orchestration and multi-provider failover, prompt/pipeline design, structured outputs, data matching and reconciliation pipelines, Cloudflare/Linux/Docker deployment, technical SEO, and Stripe-based monetisation.

### Professional Experience

#### Technical Business Analyst — Oracle Database Migration

*Department of Primary Industries and Regions (PIRSA), SA Government: Feb 2026 – present*

- Architectural discovery across in-scope Oracle environments — 13 in-house applications across regulated industry domains; produced inventory, migration plans, test documentation and an approvals register adopted as the program baseline.
- Mapped architecture to business owners across the portfolio; identified eight applications with no documented owner and raised a risk-framed remediation paper to the Program Manager.
- Identified an undocumented business-continuity exposure in a grants-management platform and escalated a formal options analysis to ICT leadership.
- Acts as the bridge between vendor-technical detail and divisional business owners across all PIRSA divisions.

## Technical Business Analyst / Solution Architect

*University of New South Wales, Sydney | Aug 2024 – Dec 2025 (Contract)*

- Led synchronisation between CMDB and LeanIX enterprise architecture platform for 1,200+ business applications; built Python-based data matching algorithms cutting reconciliation effort from days to hours.

## ICT Project Manager

*Consunet, Adelaide | Sep 2023 – Feb 2024*

- Implemented Lean Scaled Agile governance at portfolio level; designed and deployed a Moodle-based LMS platform.

## Project Manager

*Westpac, Adelaide | Jan 2021 – Mar 2022*

- Managed technical delivery of Records Management and Data Warehouse/Reporting system upgrades.

## Solution Architect

*BAE Systems, Adelaide | Apr 2020 – Jan 2021*

- Designed enterprise solution architectures for Shipbuilding, Logistics, Manufacturing and PLM applications; architecture decision records informed \$10M+ investment decisions.

## Project Manager / Solution Architect

*Accenture, Adelaide | Apr 2019 – Apr 2020*

- Led a \$6M Oracle Cloud ERP technical implementation across ERP, HR, Reporting and SCM modules.

## Lead Consultant / Solutions Architect

*Westpac, Adelaide | Dec 2017 – Mar 2019*

- Architected and implemented AI systems for regulatory compliance and fraud detection, delivering measurable risk reduction.

## Project Manager

*SA Health, Adelaide | Apr 2015 – Dec 2017*

- Managed migration of 75 hospital applications from Old RAH to New RAH, delivered on time with zero critical incidents during cutover.

## Senior ICT Product Manager / Product Infrastructure Manager

*Dimension Data Cloud Services, Adelaide (2010–2015) / Telstra, Adelaide (2005, 2008–2010)*

- Managed technical product lifecycle for cloud services and infrastructure; designed service delivery and disaster recovery architectures for enterprise customers.

## Key Skills

AI/LLM orchestration & multi-provider failover, prompt & pipeline design, structured outputs, enterprise architecture, AI governance & regulatory mapping (EU AI Act, Privacy Act ADM),

solution architecture, stakeholder management without direct authority, data matching & reconciliation, Python, SQL, Cloudflare Workers, Docker/Linux, Agile/SAFe.

## Certifications

- SAFe Certified Agilist
- SAFe Lean Portfolio Management Certified
- ITIL 3.0 Foundation Certified

## Education

- Certificate IV in Entrepreneurship and New Business — Sarina Russo, 2024/25
- Associate Diploma in Microcomputing — NSW TAFE, 1995

## Clearances

- Previously held AGSVA Baseline Clearance
- National Police Check: Cleared
- Working with Children: Cleared