

Mitchell Parker

Technology Executive · AI & Data Architecture

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LEADERSHIP SCOPE

TECHNOLOGY STRATEGY

Target architecture, roadmap sequencing, build-vs-buy, investment cases, executive & investor reporting

AI ADOPTION & GOVERNANCE

Agentic workflows, LLM product features, RAG, evaluation & guardrails, model risk, AI policy, cost control

DATA & PLATFORM ARCHITECTURE

Warehouse modelling, ingestion pipelines, BI layers, data quality & governance by design

CLOUD, SECURITY & RISK

AWS · Azure · GCP, IAM, resilience & DR, privacy frameworks (DPDPA, GDPR principles), cyber posture

ENTERPRISE SYSTEMS

ERP, POS & CRM integration, API contracts, legacy migration sequencing, vendor selection

DELIVERY & PEOPLE

Cross-functional & offshore delivery, SOPs and operating cadence, vendor management, hiring

SIGNAL

\$12B market co-founded ·
100+ agency clients · 7
platforms shipped end-to-
end.

PROFILE

Technology leader and startup co-founder who owns **strategy, AI adoption and data architecture** end-to-end — then stays close enough to the build to set the standard. **Co-Founder & COO of DiceWill**, an AI health platform targeting a \$12B MENA market, owning AI & data strategy, governance and compliance. **Data Architect at Mine Market; Founder of SAH Studios** (100+ clients). Seven platforms shipped solo. Healthcare depth across four Australian networks. Master of IT — GPA 6.17, Executive Dean's Award; AWS Solutions Architect.

LEADERSHIP EXPERIENCE

DiceWill – Co-Founder & COO · AI & Data Strategy

UAE / INDIA
2025 – PRESENT

AI health platform — WhatsApp-first triage, records & medication management

- ◆ Co-founded a platform serving a \$12B MENA market of 600M+ patients; own every function around the product while my technical co-founder owns product engineering.
- ◇ Own **AI & data strategy** – data-collection architecture, anonymisation and retention policy, consent design, and the AI feedback loop that improves triage accuracy from live sessions.
- ◇ Built the **compliance framework** from scratch (DPDPA, DHA Dubai, GDPR principles) and the governance narrative repositioning DiceWill as an AI clinical-intelligence platform with a proprietary data asset.
- ◇ Lead operations, tooling and partnerships – **8 providers signed, 120 waitlisted** at MVP; running a **\$500K seed**.

STACK REACT NATIVE · NODE.JS · WHATSAPP BUSINESS API · SUPABASE · CLAUDE

Mine Market – Data Architect

AUSTRALIA
2024 – PRESENT

minemarket.ai

- ◆ Own the data architecture – ingestion, warehouse modelling, and the BI layer leadership makes product and commercial decisions from, with data-quality and governance controls designed in from day one.

STACK POSTGRESQL · PYTHON · AWS · POWER BI

SAH Studios – Founder

JAPAN / AUSTRALIA
2022 – PRESENT

- ◆ Founded and scaled an AI-automation agency to **100+ clients** across e-commerce, hospitality and professional services – owning delivery, pricing, hiring and P&L.
- ◇ Productised outreach automation into reusable per-client modules; built Stripe billing and the sales-enablement stack.

EDUCATION

M. Information Technology

Data Science + Software Development
Charles Sturt University
2023 - 2025 · GPA 6.17 · Executive Dean's Award
Big Data Analytics · Data & Knowledge Engineering · Database Systems · ICT Project Management · Information Security · Applied IT Ethics · Emerging Technologies

Grad. Cert. Applied Data Science

Charles Sturt University
2023 - 2024 · GPA 6.00

B. Audio Engineering

SAE Institute Australia
2020 - 2022

CERTIFICATIONS

- AWS Certified Solutions Architect '24
- Google Data Analytics Professional '24
- Microsoft Data Analyst Associate – Power BI '23
- Career Essentials in Cybersecurity – Microsoft & LinkedIn '23
- Programming with Python – OpenEDG '22

BUILD RECORD

Platforms designed, built and operated sequentially – each chosen to add a capability: commerce architecture, then BI, then automation, then enterprise integration, then production AI.

2022	◇	Repeat Dance Records	Vinyl E-Commerce	LIVE
First commercial platform: full-stack storefront on the Discogs API with 13-currency checkout, artist/category taxonomy, media embeds and a recommendation engine. Established the architecture pattern reused across every later commerce build.				
NEXT.JS 15 · TYPESCRIPT · SUPABASE · STRIPE · DISCOGS API				
2023	◇	Chrome Furniture	Commerce + Business Intelligence	LIVE
Premium storefront with supplier API integration and an automated image-processing pipeline. Built the order-management backend plus a Power BI revenue and expense model that became the business's reporting layer.				
NEXT.JS · SUPABASE · STRIPE · ALIEXPRESS API · POWER BI				
2023-24	◇	Meridian	Algorithmic Trading Engine	LIVE · OSS
Open-source execution engine bridging Crypto.com and Alpaca – configurable strategy parameters, automated order logic and risk limits across crypto and equities. Published for public review.				
PYTHON · REST / WEBSOCKET APIS · CRYPTO.COM · ALPACA				
2024-25	◇	Orbis	360° Video Platform	IN DEVELOPMENT
Browser-based editor for spherical and 360° footage aimed at creators, real-estate and travel media – GPU rendering pipeline in WebGL / Three.js over a Python processing backend.				
REACT · WEBGL · THREE.JS · PYTHON				
2025	◇	Tabiji	Location Data Companion	PRE-LAUNCH
Location-aware trip planner that ingests Google Maps saved-place exports into a normalised itinerary model covering routes, filming locations, food logs and inventory.				
NEXT.JS · SUPABASE · GOOGLE MAPS API				
2025-26	◆	Horizon IT	Enterprise Systems Integration	IN DEVELOPMENT
Integration layer unifying Lightspeed POS, Deputy workforce management and NowBookIt bookings for a multi-site hospitality client – API contracts, sync orchestration and a single reporting schema across three vendors.				
NODE.JS · REST APIS · POSTGRESQL · NEXT.JS				
2026	◆	Parker AI	Production Voice AI	IN DEVELOPMENT
Conversational Japanese tutor chaining real-time speech recognition (Deepgram Nova-3) into LLM response generation (Claude), with pronunciation scoring, JLPT-aligned curriculum and spaced repetition. Production LLM engineering – latency budgets, evaluation sets and cost control.				
NEXT.JS 15 · TYPESCRIPT · DEEPGRAM · CLAUDE API · SUPABASE · VERCEL				

TECHNICAL DEPTH

AI & MACHINE LEARNING

Claude API, Deepgram, RAG, agentic workflows, evaluation & guardrails, TensorFlow, PyTorch, Scikit-learn, MLOps

DATA & BI

PostgreSQL, Supabase, Snowflake, MongoDB, SQL Server, Power BI, Tableau, Grafana, Looker

DATA ENGINEERING

Airflow, Apache Beam, AWS Glue, Delta Lake, Databricks, dbt-style modelling

CLOUD & DEVOPS

AWS (EC2, S3, RDS, Lambda), Azure (Synapse, Data Factory), GCP, Vercel, Docker, Kubernetes, CI/CD, Jenkins

ENGINEERING

TypeScript, Next.js 15, React, React Native, Node.js, Python, Java, SQL, REST & WebSocket APIs, Stripe

SELECTED DELIVERY

Revenue vs Budget (EUR) · CRM Pipeline Analysis · Retail Supply Chain & Sales · Root-Cause Analysis · Operational Data Quality (Power BI) · Japan Tourism Analytics (Tableau).

DIFFERENTIATOR

Regulated-sector depth across four Australian healthcare networks and the ADF.

PROFESSIONAL EXPERIENCE

Royal Melbourne Hospital – Systems & Fleet Lead · Help Desk Analyst

MELBOURNE, VIC
MAR 2025 – 2025

- ◆ Led implementation of a new fleet-management platform (LBM) across the hospital network – vendor coordination, configuration, data migration and real-time asset tracking.
- ◇ Ran system-improvement projects with senior management, translating operational goals into technical scope and delivery sequencing.
- ◇ Delivered frontline IT support while owning operational metrics and service standards in a 24/7 clinical environment.

Precision Analytics – Data Analyst

MELBOURNE, VIC
MAY – SEP 2024

- ◆ Delivered client data-analysis engagements in Python, SQL and Excel; built Tableau dashboards for reporting and BI.
- ◇ Established the data-quality and governance frameworks that set consistent analysis standards across engagements.

SAH Studios – Lead Analyst & Marketing Manager

AUSTRALIA
SEP 2022 – JAN 2024

- ◆ Led data-driven growth strategy for an e-commerce brand, merging analytics with commercial decision-making.
- ◇ Owned marketing operations and market-trend analysis, driving measurable gains in visibility and customer acquisition.

EARLIER EXPERIENCE

Helpdesk Analyst	Ramsay Healthcare	2023
Helpdesk Analyst	St John Ambulance WA	2021 – 2023
Driver Specialist	Australian Defence Force (Army)	2018 – 2023
Hotel Manager	QT Hotels, Melbourne	2023 – 2024
Hostel & Retail Manager	NZ Ski, Queenstown NZ	2022