

Keiran Sweet

Cloud & AI Platform Engineer

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PROFILE

Cloud and AI Platform Engineer with over 20 years of experience spanning the full arc from physical Unix data centres to modern multi-cloud and AI-native platform environments. My focus and passion lies in building platforms that help developers, engineers, and technologists move fast with new technologies to rapidly deliver business value.

One of the first 10 employees at Sourced Group, I joined at inception and grew with the company through its expansion across Australia, Canada, and globally before its acquisition by Amdocs in 2021 — building teams, delivering at scale, and shaping how cloud infrastructure is designed and operated across Finance, Telco, Aviation, and Healthcare.

I enjoy working in teams where I can share my knowledge and help team members grow their capabilities — whether through mentoring sessions, supporting podcasts, or presenting at conferences. I am based in the Southwest of Western Australia and work predominantly in a remote capacity.

CAREER HISTORY

Sourced Group · Amdocs · *Cloud Consulting · February 2014 – Present · Global*

Global Service Line Lead, Cloud Platforms · Sep 2024 – Present · Amdocs Cloud Studio · Global

A principal engineering and leadership role defining and delivering the Cloud Platforms service line within Amdocs Cloud Studio — combining product strategy, go-to-market leadership, and hyperscaler partnerships with active technical involvement.

Responsibilities

- Lead strategy, design, and market delivery of platform-aligned solutions for global enterprise customers
- Maintain technical depth across the solutions stack — building prototypes, running demonstrations, and validating architectures through working deployments
- Direct post-merger technical migration and consolidation of engineering capabilities across Sourced, DevOpsGroup, and Kenan
- Lead enterprise-scale pre-sales, authoring technical RFP responses and taking engineering ownership through to delivery
- Forge and manage strategic hyperscaler partner relationships (AWS, GCP, Azure) aligned to marketplace initiatives
- Develop partnerships with strategic technology vendors such as Coder.com, securing roadmap visibility, licence resell arrangements, and broader commercial benefits

Key Achievements

Amdocs Agentic Tasks Platform

Led production-grade implementation of the Coder.com reference architecture for secure AI agent deployment within regulated cloud environments, disconnecting heavy computational tasks from local workstations while maintaining rigorous security and policy boundaries.

Amdocs Kenan on Cloud

Re-architected the industry-leading Kenan billing platform into a cloud-native infrastructure package with Oracle → PostgreSQL migration tooling, significantly reducing TCO and enhancing operational agility for global Telco clients.

Google GCVE Migration Accelerator

Engineered a 'drop-in' migration solution for Google Cloud VMware Engine with automated Terraform foundations supporting legacy VMware estate exits and broader multi-cloud strategies.

Acquisition Integration & Capability Consolidation

Directed 12-month initiative to migrate and consolidate Sourced, DevOpsGroup, and Kenzan into the strategic Amdocs toolchain — sunsetting Bitbucket → GitHub, Okta → EntraID, and unifying multi-cloud environments.

Principal Solutions Consultant Nov 2022 – Dec 2024 · Global

A technical pre-sales and solution architecture role owning the full sales lifecycle for the ANZ Professional Services division — building working prototypes, running live demonstrations, and proving solutions in real environments.

Key Achievements

Tier-1 Telco BCC Migration

Architected a multi-million dollar upgrade and cloud migration strategy for Amdocs BCC products for a major Australian telecommunications provider — spanning hundreds of VMs, databases, and cloud-native resources across a complex, business-critical environment.

Kenan Cloud-Native Transformation

Led technical solutioning for migrating Kenan — Amdocs' flagship billing platform — from legacy on-premises to a cloud-native architecture leveraging EKS, PaaS services, and Terraform.

Pre-Sales Engine Optimization

Established reusable solution pattern libraries and standardised SOW templates. Developed AI skills and tooling to automate large portions of the consulting deliverables cycle — compressing asset creation from weeks to hours.

Managing Principal Jul 2019 – Dec 2022 · APAC / Global

A dual-capacity leadership role combining people management, business operations, and active delivery as a Principal Consultant — accountable for the health, growth, and output quality of multiple delivery squads.

Key Achievements

'Outputs' Knowledge Repatriation Initiative

Built centralised framework for cataloging technical (IaC, patterns, code) and non-technical (case studies) artifacts to improve global delivery efficiency and upskill the broader team.

Regional Business Expansion

Led bootstrap expansion into Toronto, Melbourne, and New Zealand while simultaneously delivering core client projects.

Standardised company-wide hiring and interview framework; the team grew to over 400 consultants globally by the time of the Amdocs acquisition.

Principal Consultant Jan 2020 – Nov 2022 · Sydney / New Zealand (Remote)

Senior hands-on delivery role responsible for architecture and engineering of AWS-based cloud platform solutions within enterprise client environments.

Notable Projects

- SBS (Sydney) — Automated FAST Channel solution using AWS Elemental and Akamai CDN. Cloud platform uplift and Direct Connect enhancements for the 2022 FIFA World Cup.
- Kiwibank (New Zealand) — Multi-cloud strategy (AWS + Azure) using 'Platform as a Product' methodology.
- ANZ Bank — Core engineering lead for the BS11 Compliant AWS Cloud Platform. Standardised Terraform and CI/CD automation for 30+ globally distributed developers.

Principal Consultant Jul 2019 – Jan 2020 · Sydney

- Cochlear — Led design and build of AWS infrastructure for Cochlear.com (Sitecore CMS on Windows/SQL Server).

- ABC (Australian Broadcasting Corporation) — Delivered streaming audio solution for legacy players and smart speakers. Supported JJJ Hottest 100 on AWS.

Senior Consultant Oct 2016 – Jul 2019 · Sydney — Project: Qantas Airways

Senior technical delivery role embedded within the Qantas engineering organisation, building and evolving the AWS cloud platform hosting critical airline systems.

- Cloud Security — Introduced SELinux, Secrets Management, enhanced logging, intrusion detection, SIEM integration, and automated SOE security scanning.
- IaaS Configuration Management — Introduced Puppet Enterprise on AWS OpsWorks CM for automated VM configuration management and self-service patching.
- Atlassian Bamboo — Migrated to a fully automated, resilient solution using Auto Scaling and RDS.
- Flight Planning — Introduced Nitro-based instances delivering measurable performance gains; migrated observability from Stackdriver to Datadog.
- Bitbucket Secrets Detection — Implemented credential exposure prevention across the Qantas engineering organisation.

Senior Consultant Feb 2016 – Oct 2016 · Toronto, Canada

Founding technical presence for Sourced Group's Canadian market expansion, delivering cloud platform solutions for major financial institutions.

- Scotiabank — Led design of core Azure cloud platform with Puppet Enterprise. Presented architecture at PuppetConf 2017 in San Francisco.
- Canada Pension Plan Investment Board — Developed Puppet modules enforcing security controls across all OS. Presented at Puppet @ Atlassian Meetup 2017.

Senior Consultant Feb 2014 – Feb 2016 · Sydney — Project: Commonwealth Bank of Australia

The founding Sourced Group engagement — delivering the 'On Demand Platform' for Australia's largest bank, combining hands-on engineering at significant scale (4,000+ VMs) with a major training and enablement program.

- Delivered the Puppet Enterprise-powered 'On Demand Platform' — a full IaC, Git-driven provisioning capability across VMware and AWS cloud environments.
- Trained over 500 CBA professionals in IaC, CI/CD, and deployment automation.
- Presented the CBA solution at PuppetConf 2015 in Portland, Oregon.

Tradition · Finance / Brokerage · Sep 2011 – Aug 2013 · London, UK

Team Leader, Linux Engineering Sep 2011 – Aug 2013 · London · 200+ servers · HFT & Brokerage

Technical leadership role managing the Linux infrastructure estate underpinning Tradition's global electronic trading and brokerage platforms across FX, Equities, Energy, RMDS, and Swaps.

- Migrated entire Linux estate to Puppet-based management, replacing legacy RHN Satellite — reduced annual operational costs by £20K.
- Overhauled provisioning workflows — reduced system build times from hours to minutes across VMware and Bare Metal.
- Engineered automated build pipeline using Jenkins and YUM to package in-house Java apps as RPMs.
- Led Oracle migration (10g on RHEL4 → 11g on RHEL5/6) and deployed HA NetApp FAS2240 storage.

Macquarie Bank · Finance / Banking · Sep 2009 – Sep 2011 · London, UK (EMEA)

Senior UNIX Administrator Sep 2009 – Sep 2011 · London · FICC, HR, Corporate Operations

- Designed and executed zero-downtime UNIX/Linux workstream for 2011 EMEA Data Centre relocation.
- Led regional migration from legacy NIS to centralised LDAP architecture across all EMEA UNIX servers.
- Refreshed legacy Legato/Netbackup environment — reduced NetApp backup windows from 5 days to 5 hours.
- Modernised Solaris footprint by consolidating legacy hardware onto Sun T5240 servers using LDOMS.

Barclays Global Investors (BGI) · Finance / Asset Management · Jun 2005 – Sep 2009 · London, UK

Senior Unix Administrator Jun 2005 – Sep 2009 · London · Global 'Follow the Sun' rotation

- Led end-to-end infrastructure uplift of the iShares platform from Solaris 8 to Solaris 10.
- Designed and maintained HA architecture for MQSeries messaging platform using large-scale Solaris VCS clusters.
- Drove global migration to Solaris 10 delivering Zones/Containers, enhanced security, and improved resource management.

Ericsson Australia · *Telecommunications* · Jan 2003 – Feb 2006 · Sydney, AU

Senior Unix Administrator (Team Leader) Jan 2003 – Feb 2006 · Sydney · Hutchison Telecom & 3 Mobile

- Delivered the technology implementation for Australia's first national 3G mobile network (3 Mobile) — greenfield infrastructure across BSS, OSS, and Content Management platforms.
- Managed 12+ person technical team (including TCS partners) during rapid data centre expansion.
- Led UNIX infrastructure workstream for company-wide transition to the PeopleSoft BSS platform.

Hewlett-Packard Australia · *IT Services / Hardware* · Nov 2000 – Aug 2003 · Sydney, AU

Customer Engineer Nov 2000 – Aug 2003 · Sydney · Banking, Aviation, Medical, Insurance, Higher Education

- Managed end-to-end lifecycle for the HP-9000 server family across NSW and ACT.
- Completed advanced hardware engineering training at HP Labs Cupertino, CA.
- Led the regional shift from PA-RISC to Intel Itanium — one of the first Itanium rollouts at University of NSW.

Alltel Information Services · *Banking / Fintech* · Jan 2001 – Jan 2003 · Sydney, AU

Junior Midrange UNIX Engineer Jan 2001 – Jan 2003 · Sydney · Data Warehousing & Leasing

- Maintained HP9000 and Sun UltraSPARC systems with Oracle database support.
- Contributed to migration of core systems to new data centres following CBA acquisition of business units.

Advantra Australia · *Managed Services / Banking* · Nov 1998 – Nov 1999 · Sydney, AU

Senior Systems Administrator Nov 1998 – Nov 1999 · Sydney · Colonial First State

- Delivered technical support for Colonial First State infrastructure — Windows Server environments for core banking application delivery.
- Led large-scale desktop refreshes across multiple banking sites with minimal disruption.

SKILLS & TECHNOLOGY

AI Tools & Platforms

Claude (Anthropic) · Amazon Kiro · Microsoft Copilot · Gemini · Amazon Bedrock · Coder.com · OpenSpec · OpenCode · Atlassian Rovo · Agentic Platform Engineering · AI-Native Infrastructure Design · Secure AI Deployment

Cloud Platforms

AWS (primary) · Microsoft Azure · Google Cloud / GCVE · Platform as a Product · Team Topologies · Multi-Cloud Strategy

Infrastructure as Code & Automation

Terraform · Puppet Enterprise · Ansible · CloudFormation · Boto3 · Kickstart / Jumpstart · Foreman / ENC

Containers & Orchestration

Kubernetes · Amazon EKS · Docker · Cloud-Native Architecture · Coder.com / Agentic Workloads

DevOps & CI/CD

GitHub / GitHub Actions · Bitbucket Pipelines · Jenkins · Atlassian Suite · Bamboo · YUM / RPM Packaging

Operating Systems & Infrastructure

Linux (RHEL / Ubuntu) · Solaris 8/9/10 · HP-UX · VMware ESX · Veritas VCS / VxVM · LDOMs / Zones

Security & Identity

IAM · KMS · Secrets Management · LDAP / NIS · Active Directory · Kerberos · EntraID · Okta

Storage & Networking

NetApp NAS / FAS · SAN / Fibre Channel · DNS / BIND · AWS Direct Connect · MQSeries · Akamai CDN

Leadership & Pre-Sales

Squad of Squads · Pre-Sales Architecture · RFP / SOW Authoring · Post-Merger Integration · Technical Mentoring · Global Team Expansion · Hyperscaler Partnerships

CERTIFICATIONS

- **AWS** — Solutions Architect — Professional *Issued Sep 2024 · Expires Sep 2027 · ID: 72WFPRY1LBVQ155H*
 - **AWS** — SysOps Administrator — Associate *Issued Jun 2019*
 - **AWS** — Systems Architect — Professional *Issued Apr 2019*
 - **AWS** — Solutions Architect — Associate *Issued Aug 2018*
 - **Puppet** — Puppet Certified Professional *Issued Mar 2014 · ID: PCP0000105*
 - **Red Hat** — Certified Systems Engineer — RHEL5 *Issued Dec 2009 · ID: 805009200844826*
 - **VMware** — VMware Certified Professional (ESX 3.5) *Issued Jan 2009 · ID: 36063*
 - **Hewlett Packard Enterprise** — HP-UX Certified Unix Administrator (HP-UX 11i) *Issued Jan 2005 · ID: SP9880881*
 - **AWS** — Solutions Architect — Associate Level *Issued Sep 2014 · Expired Sep 2020 · ID: AWS-ASA-3674*
 - **AWS** — SysOps Administrator *Issued Dec 2014 · Expired Dec 2016 · ID: AWS-ASOA-552*
 - **Puppet** — System Administration using Puppet *Issued Apr 2015 · ID: PPT0001221*
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EDUCATION

St Patricks Marist College, Dundas · Higher School Certificate · 1993 – 1998

INTERESTS & SIDE PROJECTS

Technical Blog — notes.keiran.io

Maintains a technical blog covering podcast episodes, blog posts, and conference talks across platform engineering and AI topics, including learnings, best practices, and conference presentation write-ups.

Home Assistant — Early Adopter & Contributor

Early adopter of the Home Assistant open-source home automation platform. Contributed code to the project including the initial Route 53 integration, and has been a guest on the Home Assistant Podcast.

Southwest Tech Meetup — Founder

Founder of the Southwest Tech Meetup (swtech-au.github.io), a community for technologists in Western Australia's southwest region — bringing together engineers, developers, and tech enthusiasts in a part of the world that doesn't always have access to major-city tech community events.