

Sheridan Gomes

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Australian Citizen Melbourne, Australia

SUMMARY

Senior Software Engineer with **6 years** building multi-tenant B2B SaaS on **C#/.NET 10, gRPC, Angular, PostgreSQL** and **Azure (AKS, Container Apps)**. Set technical direction for the pricing squad at Scalene Group: architected two greenfield services that helped close a **AUD 1M+ enterprise contract**, established **trunk-based development** and the release process for **35+ enterprise retail tenants across AU, UK and US**, and introduced AI-assisted code review, feature flags and error tracking platform-wide. Mentor 3 engineers, run technical interviews, and work directly with product.

SKILLS

Languages	C#, TypeScript, JavaScript, SQL, Protobuf, Bicep, Bash
Backend	ASP.NET Core (.NET 8/10), gRPC, REST, Entity Framework Core, Dapper, MassTransit, SignalR, FluentValidation, AutoMapper, Polly, Refit
Frontend	Angular 17 (RxJS, PrimeNG, AG Grid Enterprise, MSAL), React, Next.js, shadcn/ui
Cloud & DevOps	Azure (AKS, Container Apps, Service Bus, Key Vault, Blob Storage, Application Gateway, Entra ID), Azure DevOps Pipelines, Bicep, Docker, Kubernetes, Kustomize, KEDA, GitOps, AWS (Lambda, SQS/SNS, S3), Vercel
Data	PostgreSQL, SQL Server, Redis, MongoDB, Supabase; schema design, EF migrations, indexing, query optimisation, JSONB
AI & LLMs	Azure OpenAI, Google Gemini, structured JSON outputs, prompt engineering, model fallback, token-budgeted pipelines
Quality	TDD, xUnit, Moq, AutoFixture, FluentAssertions, Jest, Playwright E2E, coverlet, Qodana, SonarQube, code review
Observability	Serilog, Application Insights, Sentry, PostHog (analytics, feature flags), health checks
Architecture	Microservices, BFF pattern, DDD, event-driven design, multi-tenancy, API versioning, ADRs, trunk-based development, Agile/Scrum

EXPERIENCE

Scalene Group (<i>retail space, price and promotion optimisation SaaS</i>) <i>Senior Software Engineer</i>	Melbourne, Australia <i>Nov 2025 – Present</i>
– Own technical direction for the pricing squad: architecture decisions, ADRs, design reviews and roadmap input with product and customers; mentor 3 engineers and run technical interviews and onboarding. – Architected and built the Price Planner and Forecast Planner services from first commit (.NET 10, gRPC, EF Core/PostgreSQL, MassTransit + Azure Service Bus): proto contracts, CI/CD, quality gates and 550+ unit tests. These greenfield modules helped close a AUD 1M+ enterprise contract. – Designed the cross-service plan publish/unpublish orchestration (BFF, Forecast Planner, Price Planner) with compensating actions for failed publishes, plan locking with admin-only override, benchmark auto-creation and versioned reference-data snapshots for Excel imports. – Established trunk-based development and a predictable release cadence; own hotfix and release rollouts across a GitOps-managed AKS cluster serving 35+ tenants in AU, UK and US, and contribute to the Bicep migration to Azure Container Apps with per-tenant network isolation. – Introduced AI-assisted pull-request review on Azure DevOps (Azure OpenAI): follow-up reviews across PR iterations, priority-ordered line comments and de-duplicated feedback, shortening PR turnaround. – Rolled out PostHog feature flags and product analytics plus Sentry error tracking across seven services and the Angular portal through a shared Scalene.Core.Analytics package, enabling flag-gated incremental releases and actionable bug reports with stack traces and session context. – Introduced Playwright E2E testing in portal CI (parallel workers, report artifacts, cold-start retries) and coverlet coverage extraction from Docker builds; implemented pricing domain logic (GST, multibuy mechanics, trading terms, margin metrics) and a product clash-detection service.	
<i>Software Engineer</i>	<i>Jul 2024 – Nov 2025</i>
– Top contributor to the Angular 17 portal (300+ commits): Space Advisor new-store and store-resize workflows, AG Grid Enterprise data grids with pinning and Excel export, PrimeNG components and MSAL authentication.	

- Extended the **ASP.NET Core BFF gateway** fronting seven gRPC microservices: versioned REST endpoints, Redis output caching, SignalR notifications, bulk SKU validation from Excel uploads and tenant-aware request forwarding.
- Delivered the **model publish workflow** in Configuration Manager (status lifecycle, publisher service, MassTransit consumers) and maintained the shared **Protobuf** contracts submodule used by every service.
- Ran **AKS deployments** for new tenants and regions including the first US rollout; added PR templates, SonarQube and Qodana quality gates across repositories.
- **Scrum Master** for the squad: facilitated all ceremonies, backlog refinement and estimation; **improved sprint velocity by 15%**.

JET Charge

Mar 2023 – Apr 2024

Software Engineer

Melbourne, Australia

- Built **React** front-ends and **C#/ASP.NET Core** services for the Illuminate EV-charging platform: charge-point device service, transactions, notifications and reporting APIs, and a **DER (distributed energy resources) API** on **Azure Functions** with Service Bus triggers and scheduled jobs.
- Designed **event-driven** integrations over **Azure Service Bus** and a **Redis** distributed cache layer; added organisation and tenant management endpoints with full test coverage; **boosted system efficiency by 40%**.
- Led unit/integration testing (xUnit, coverlet) and PR reviews across the team, **cutting bug rates by 25%** and lifting code-quality standards.
- Tuned **Entity Framework** data access, migrations and schemas in PostgreSQL/SQL Server; containerised services with **Docker** and shipped through Azure DevOps dev/release pipelines.

Openpay

Oct 2021 – Feb 2023

Associate Software Engineer

Melbourne, Australia

- Built **scalable backend features** in **C#**, **AWS** and **PostgreSQL** within a buy-now-pay-later **microservices** ecosystem handling high-volume payment and merchant workflows.
- Implemented **event-driven** services with **AWS Lambda**, **SQS/SNS** and **API Gateway** for resilient payment processing, with retries, idempotency and dead-letter handling.
- Improved SDLC speed by **30%** through test automation, refactoring and **CI/CD pipelines**; reduced code redundancy by **20%** by extracting shared libraries.

PROJECTS

AI Code Review for Azure DevOps | TypeScript, Azure OpenAI, Azure Pipelines

2026

- Extended an open-source PR-review extension into a production tool: follow-up reviews across PR iterations, priority-ordered line-by-line review to budget tokens, idempotent comments with hidden metadata, JSON-structured model outputs with parse fallbacks, and a fixture-based local test harness.

Airtail – AI Email Transaction Extractor | Next.js, TypeScript, MongoDB, Gemini, SwiftUI

2025

- Full-stack platform connecting to Gmail, Outlook and Yahoo via OAuth 2.0; Gemini pipeline with structured prompts, model fallback, confidence scoring and batch processing; incremental background sync, JWT mobile API and a companion iOS app.

Reckn – AI Admin Assistant for Trade Businesses | Next.js, Supabase, Stripe, Gemini

2025

- AI bookkeeping platform for Australian tradies: Xero integration, Stripe billing and Gemini document parsing for receipts and invoices with GST/BAS compliance.

PUBLICATIONS

Digital Twin of a Cloud Data Centre: OpenStack Cluster Visualisation – UCC 2021, co-authored with Adel N. Toosi and Barrett Ens.

EDUCATION

Monash University

2019 – 2021

Master of Information Technology with Distinction

Melbourne, Australia

University of Newcastle

2014 – 2018

Bachelor of Information Technology

Newcastle, Australia