

Conor Brown

Software Engineer · Systems Architecture · Product Engineering

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PROFESSIONAL SUMMARY

Software engineer with 12+ years of experience designing and modernizing business-critical applications, payments infrastructure and distributed systems. Hands-on technical leadership across domain-driven design, cloud migrations, engineering standards, delivery automation, and cross-team architecture reviews. Seeking Staff Software Engineer and Staff Product Engineer opportunities.

SELECTED ENGINEERING IMPACT

Designed remote web-hosting management and update-delivery infrastructure across **2,000+ servers**.

Designed an Azure Service Bus-based API usage logging platform around a **99.9% delivery SLA**.

Built a containerized Card Account Updater service for subscription-payment continuity.

Led DDD sessions and implemented workflow/rules domain modeling; wrote AI-assisted development guidance to standardize future changes against a reference vertical slice.

Led significant Azure App Service migration work across Key Vault, managed identity, containerization, staging and production delivery planning.

PROFESSIONAL EXPERIENCE

MIRATECH

April 2025–Present

Software Developer III · Architecture and platform leadership responsibilities

Implemented DDD/CQRS workflow and rule-builder capabilities across aggregates, APIs, persistence, UI, and end-to-end testing, while guiding architectural reviews and workshops.

Led a coordinated modernization path toward Azure App Service, including runtime configuration, Entra integration, Key Vault identity, parallel pipelines, staging validation, and rollback planning.

Supported a product-line transition involving catalog identity, component modeling, pricing, drawings, indexing, and administrative tooling.

Modernized CI/CD and test workflows, including Playwright-based regression coverage; codified engineering standards in a CLAUDE.md reference guide.

IXOPAY

June 2021–April 2025

Senior Software Engineer

Built payment-related microservices including a containerized Card Account Updater to address subscription churn caused by expiring payment credentials.

Engineered asynchronous API usage telemetry with Azure Service Bus and a 99.9% delivery SLA for billing-related data.

Introduced integration-test infrastructure and secure runtime configuration patterns across cloud services.

MissGroup / Hostek

January 2014–June 2021

Software Engineer

Rebuilt web-hosting management workflows with .NET Web APIs, React, and an orchestration/gateway layer.

Designed remote infrastructure and deployment tooling operating across 2,000+ Windows servers, including IIS, firewall, certificate, and service management.

Built secure credential management and remote access functionality supporting controlled sharing.

TECHNICAL BREADTH

Backend and architecture: C#, .NET, ASP.NET Core, MVC, DDD, CQRS, Clean Architecture, event-driven design, microservices and modular monoliths.

Cloud and platform: Azure App Service, Azure Service Bus, Key Vault, App Configuration, Docker, Azure DevOps, GitHub Actions, observability.

Product and data: React, TypeScript, React Native/Expo, SQL Server, PostgreSQL, MySQL, MongoDB, Cosmos DB, query/index tuning, Playwright and xUnit.

INDEPENDENT PRODUCTS AND CERTIFICATION

Pathway: software engineering education platform · **Theoria:** interactive music education platform. See project walkthroughs.

Certified Scrum Developer — Scrum Alliance

