

Dom Perez III

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https://www.dom.engineer

Software Architect / Staff Engineer | Full-Stack

Software architect and full-stack engineer with 15+ years in C#/.NET, React, and Azure, who enjoys building things. At WTW, drove a reference architecture adopted across my product family and led a multi-year event-driven replatform as its largest code contributor. Recently built and launched Authored AI, an AI marketplace, solo.

SKILLS

Architecture

- Solution Architecture
- Domain-Driven Design
- Event-Driven Architecture
- Micro-Frontends
- API Design
- OpenAPI
- AsyncAPI
- OAuth
- Legacy Modernization

Cloud & DevOps

- Azure
- Event Hubs
- Terraform
- GitHub
- Backstage
- k6 Load Testing
- Netlify

Leadership

- Technical Leadership
- People Management
- Hiring
- Mentorship
- Cross-functional Collaboration
- Agile Delivery

Backend

- .NET
- MVC
- Web API
- Entity Framework
- SignalR

Frontend

- React
- Tailwind CSS
- TanStack Query
- Astro
- Angular

Languages

- C#
- Typescript
- JavaScript
- SQL

Data

- SQL Server
- PostgreSQL
- MongoDB

AI

- OpenAI API
- Claude Code
- AI-Assisted development

Integrations

- Stripe
- Google Analytics

PROJECTS

Portfolio | dom.engineer

08/2026 - 08/2026

Integrated AI assistant. Built with Astro. Live at <https://www.dom.engineer>.

WORK EXPERIENCE

Authored AI

08/2025 - Present

AI Marketplace where experts package their knowledge into AI agents and get paid per conversation. Live at <https://authored-ai.com>.

Founder

08/2025 - Present

- AI Marketplace where experts package their knowledge into AI agents and get paid per conversation. Live at <https://authored-ai.com>.
- Designed, built, and launched solo: .NET backend, React/TypeScript frontend, PostgreSQL/Supabase, Stripe billing, OpenAI-powered chat, and Azure infrastructure
- Owned every layer of the product end to end, from architecture and UX to payments and go-to-market

WTW

11/2016 - 07/2025

WTW's Individual Marketplace business, which still went by Extend Health when I joined, runs a U.S. benefits exchange that helps retirees and employees choose and fund individual health coverage.

Software Architect

05/2023 - 07/2025

- Drove architecture for a multi-year replatform of a legacy SQL-based calculation engine into an event-driven, domain-driven system; at one point its largest contributor
- Led a bounded-context redesign that became the org's reference architecture
- Built a database-change watcher that let a legacy upstream system publish well-formed domain events without a rewrite, aligning every stakeholder team via an AsyncAPI spec

Software Engineering Manager

04/2022 - 04/2025

- Promoted from Tech Lead to manage a team modernizing legacy SQL-based solutions; owned onboarding, performance reviews, sprint process, and hiring
- Led a team merger that paired subject-matter experts with developers to cross-train each other through mentoring, pairing, and dedicated feedback sessions

Software Technical Lead

01/2021 - 04/2022

- Drove implementation strategy and PR review for a small team building a React app and its backend services
- Led a significant tech-debt cleanup of the team's React application while keeping business rules current with annual policy changes

Software Engineer

11/2016 - 01/2021

Maintained and modernized a legacy C#/WPF call-floor application and its API/database/messaging integrations, used daily by customer-service agents

- Designed an internal TypeScript library that let independent teams embed web micro-frontends into a legacy C#/WPF call-floor app in parallel
- Root-caused a years-old intermittent crash to a memory leak in a third-party Chromium-embedding package that had been written off as unsolvable

Valore Partners

09/2015 – 08/2016

Valore Partners is a Microsoft-focused technology consulting firm based in Arizona that builds custom software and web solutions for its clients.

Consultant

09/2015 – 08/2016

Built web solutions for consulting clients, including A/B testing with Google Analytics for DriveTime.com's site revamp and modernizing legacy SRP forms with Angular.

U-Haul International, Inc.

02/2014 – 09/2015

U-Haul is a Phoenix-based company that rents moving trucks and equipment and runs self-storage across North America. It has a large in-house IT organization.

Software Developer

02/2014 – 09/2015

- Built a central authentication service used by several key client apps, and was primary contributor on a two-step verification module later reused in payroll
- Introduced technologies new to the company across several teams, including AngularJS, the MEAN stack, and OAuth-secured REST APIs

Arizona State Legislature (Legislative Council)

10/2010 – 02/2014

The Arizona State Legislature is Arizona's lawmaking body. I worked on its in-house IT team, which builds and supports the applications legislative staff use every day.

Programmer

06/2011 – 02/2014

Built and supported C#/.NET and VB.NET applications on SQL Server used daily by legislative staff, from requirements through production support.

User Support Specialist

10/2010 – 06/2011

Provided help-desk support to legislative staff, including for the internal applications I later built and maintained as a Programmer

EDUCATION

DeVry University Phoenix, AZ

**Bachelor of Science (B.S.) in Computer Engineering
Technology/Technician**

01/2007 -
12/2011