

Nathan Breunig

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◦ Skills ◦

Core Technologies

C#, ASP.NET CORE, Angular, TypeScript,
Docker

Databases & Messaging

SQL Server, Postgres, MongoDB, Kafka,
RabbitMQ, S3 Storage

Cloud & DevOps

Kubernetes, Azure DevOps, ArgoCD, Flux,
CDK8s

Tools & Workflow

Git, Jira, Agile, Containerization

◦ Education ◦

University of Wisconsin - La Crosse

B.S. Computer Science
09/2018 - 12/2021

🔗 [UWL - CS](#)

◦ Projects ◦

Simple Survivor Pools

A sleek, modern platform for
managing and participating in
Survivor Pool leagues for various
sports leagues and tournaments.

03/2025 - Present

C#, Angular, Postgres

🔗 [Simple Survivor Pools](#)

Experience

Optum Serve

Senior Software Engineer

Remote

11/2024 - Present

- Architect and lead development of a cloud-native, event-sourced platform using DDD, CQRS, and Onion Architecture; leverage Kafka and MartenDB for distributed event persistence and projections.
- Design and implement migration strategies to integrate the new system with legacy services, enable phased rollout, and reduce system risk.
- Define coding standards and testing strategy, including enforced code coverage in CI/CD, unit/integration/load tests, and improve release confidence across 5+ teams.
- Collaborate with product and business stakeholders to refine requirements and mentor developers on domain logic, improving delivery alignment and team autonomy.

Optum Serve

Software Engineer

Remote

11/2023 - 11/2024

- Implemented email and SMS multi-factor authentication (MFA) under tight deadlines, improving security across multiple web applications.
- Led role-based authorization integration by building a reusable Angular library to dynamically show, hide, enable, or disable UI elements based on user roles.
- Improved concurrency control by implementing optimistic locking, preventing data conflicts during simultaneous data access.
- Built a demo suite of modern apps using microservices, micro-frontends, Docker, DDD, and event-driven patterns to support onboarding and showcase best practices.
- Mentored new engineers in Optum's Technology Development Program (TDP), providing technical training and guidance over a six-month period to support successful onboarding.

Optum Serve

Associate Software Engineer

Remote

01/2022 - 11/2023

- Built a C# Selenium automation framework for regression testing using RESTful APIs, dependency injection, and CI/CD pipelines, saving ~4 hours per sprint in manual QA effort.
- Proactively gathered requirements and enhanced applications beyond scope while learning new tools like Docker, applying them directly in automation and CI efforts.
- Served as SME for an SDET upskilling course, creating content and mentoring peers on Selenium, XPath, and Azure DevOps CI/CD integration.