

ZACH SYKES

Denver, CO • 919-475-6606 • zsykes21@gmail.com
linkedin.com/in/zach-sykes • github.com/Calathea-Z • zachsykes.dev

PROFESSIONAL SUMMARY

Full-stack engineer with a strong senior-level front-end focus, building production web applications with TypeScript, React, Next.js, ASP.NET Core, cloud services, and modern API integrations. Experienced owning user-facing features from architecture through deployment, observability, performance improvement, and long-term maintenance.

CORE COMPETENCIES

Frontend Engineering: TypeScript, React, Next.js, JavaScript, Tailwind CSS, component architecture, responsive UI, accessibility, state management, front-end performance

Web Application Architecture: API integration, server-side rendering, scalable web applications, distributed application design, end-to-end feature ownership

Backend & Systems Integration: C#, .NET, ASP.NET Core, REST APIs, Entity Framework Core, asynchronous programming, PostgreSQL, SQL Server

Cloud, Reliability & Delivery: Vercel, Azure App Services, Azure Functions, Azure Storage, Service Bus, Docker, GitHub Actions, Azure Pipelines, monitoring, observability, production support

Collaboration & Leadership: Cross-functional product delivery, stakeholder communication, mentoring, technical standards, remote team collaboration

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer | Forvis Mazars (Remote) 06/2023 – Present

- Lead end-to-end delivery of production web features using React, TypeScript, Next.js, ASP.NET Core, and cloud services — spanning UI architecture, API integration, deployment, monitoring, and ongoing production support.
- Design and build scalable front-end applications that simplify complex business workflows, integrate with backend services and databases, and improve day-to-day user productivity.
- Established reusable React/TypeScript component patterns, shared front-end conventions, and API integration standards adopted across multiple engineering teams to improve consistency, maintainability, and developer velocity.
- Architected and built a real-time collaborative Planning Poker platform from the ground up using React, ASP.NET Core, WebSockets, and Jira integration — adopted across engineering teams as a reusable internal product.
- Own production quality for user-facing applications through monitoring, debugging, incident response, root-cause analysis, and continuous performance and stability improvements.
- Partner closely with product managers, designers, business stakeholders, and backend engineers to translate requirements into polished, maintainable, and scalable technical solutions.

SELECTED PROJECTS

zachsykes.dev Portfolio Assistant — Anthropic API • Next.js • ASP.NET Core • C#

- Built an AI-powered portfolio assistant using Anthropic tool calling, Next.js, ASP.NET Core, and streaming API responses — including a polished recruiter-facing chat UI deployed with Vercel.

Portfolio MCP Resume Server — Model Context Protocol • Node.js • TypeScript • .NET

- Built a Model Context Protocol server with Node.js and TypeScript exposing structured resume tools to Claude Desktop and other AI clients, enabling reusable AI integrations without custom HTTP APIs.

Distributed Sports Odds Platform — .NET • Kafka • Docker • WebSockets • Redis

- Built and load-tested a distributed real-time sports platform using .NET, React, RabbitMQ, Docker, WebSockets, Redis, and containerized services to model scalable event-driven UI updates and system architecture patterns.

EDUCATION

Software Engineering Bootcamp — General Assembly