

Daniel Schnau

Software Engineer since 2011. Databases, Cloud, and Browser Applications. <https://danschnau.com>.

EXPERIENCE

Senior Software Engineer, SkyKick

C# • Entity Framework • Azure API Management, Kubernetes, SQL Server • TypeScript • Angular

Seattle, WA | Remote || March 2019 → August 2023

- ❑ Pioneered migration of microservices from Azure App Services to Azure Kubernetes Service
- ❑ Developed microservices for cross-company engineering needs
- ❑ Built Public-facing APIs with Azure API Management

Senior Software Engineer, Shift Digital

C# 7 • Entity Framework 6 • Azure • ASP.NET Web API • TypeScript • Angular • SQL Server

Birmingham, MI | July 2016 → March 2019 | Solo product lead with 1-2 supporting engineers

- ❑ Serve as tech lead for CRM serving 2000+ auto dealerships across 9 OEMs in 4 countries
- ❑ Ported 10-year-old MVC 3.5 app to ASP.NET Web API + Angular served on Microsoft Azure
- ❑ Maintained Azure DevOps build/release pipelines, source control, and kanban work tracking
- ❑ Provisioned and maintain Azure ARM resource groups (App Service, SQL Server, Application Insights, Service Bus, Blob Storage, Virtual Machines, Functions)

Software Engineer, Quicken Loans

JavaScript • Polymer • Material Design • CSS/LESS • SignalR • F# • ASP.NET Web API • .NET 4.5

Detroit, MI | March 2015 → July 2016 | Team of 8 engineers, 5 business analysts

- ❑ Developed Web UI for Quicken Traders buying and selling Mortgage-Backed Securities
- ❑ Developed SignalR, Polymer-powered live charting, pricing application with Real-Time Collaboration
- ❑ Submitted bug reports and documentation to the open source Polymer project

Programmer, CU* Answers

C# • ASP.NET MVC • .NET 4.5 • Microsoft SQL Server • Sass • jQuery Mobile

Grand Rapids, MI | June 2013 → February 2015 | Team of 4 engineers

- ❑ Developed online banking platform for credit union members across 120+ credit unions
- ❑ Ported ASP.NET Web Forms pages to ASP.NET MVC and jQuery Mobile
- ❑ Developed variable stylesheets with SASS for custom per-client and per-user color schemes

Software Developer, United Shore Financial Services

Javascript • Scheme • PHP • C# • .NET 4.0 • Microsoft SQL Server

Troy, MI | August 2012 → June 2013 | Team of 10-20 engineers

- ❑ Added features and maintained a legacy Loan Origination System and Client Scheduling systems
- ❑ Held training sessions with new developers on using SVN and patterns and practices

Solution Consultant, New World Systems

C# • .NET 3.5 • ASP.NET Web Forms • Microsoft SQL Server

Troy, MI | February 2011 → August 2012 | Team of 5-10 engineers

- ❑ Implemented custom third-party data exchange interfaces for law enforcement offices across USA
- ❑ Implemented data exchange with SQL Server, SOAP Services, FTP/plaintext, and AS/400 servers

SKILLS

Infrastructure

Azure
Windows Server
Microsoft SQL Server

Server-side

C#
.NET 7 / Core
ASP.NET MVC / Web API
Entity Framework / Core
LINQ

Client-side

Angular
Typescript
Bootstrap
SASS
HTML/CSS/JavaScript

Patterns and Practices

Kanban
Agile
Microservice Architecture
Object-Oriented Programming
Domain-Driven Development

Teamwork

Azure DevOps
Git
Trello
SVN
TFSVC

EDUCATION

**Bachelor of Science,
Software Engineering**
Michigan Technological
University
Houghton, MI 2010