

Matt Schroeder

Sr Software Architect

CONTACT

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Dousman, WI

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EDUCATION

ASSOCIATES DEGREE

Madison Area Technical College

Madison, May 1998

.NET DEVELOPER CERTIFICATE

WEB DEVELOPER CERTIFICATE

Madison Area Technical College

Madison, May 2009

SKILLS

- C# & VB.NET
- SQL
- Azure SQL
- .NET Blazor
- .NET MVC
- WebAPI
- Azure Functions
- Azure Service Bus & Event Grid
- Azure Search
- CosmosDB
- Azure Storage
- HTML & CSS
- Javascript
- .NET Core, .NET 6
- Entity Framework
- Azure DevOps CI/CD

PROFILE

I am a senior software architect with more than 24 years of experience designing, developing, and implementing software in enterprise environments. I am highly motivated and looking for a challenging and exciting workplace where I can contribute to exceeding company goals, and be a part of an innovative IT team that plays a significant role in the success of the company.

EXPERIENCE

SR. ENTERPRISE ARCHITECT

BATTERIES PLUS | HARTLAND, WI | 2014 - PRESENT

Batteries Plus is a nationwide franchised retailer of batteries, lighting, smart home, key fob and device repair solutions.

- Managed a group of software developers, performed reviews, and was involved in interviewing and hiring.
- Worked with product owners, business analysts, stakeholders, and third party companies to plan, design, architect, develop, and implement software solutions for our franchise owners as well as corporate headquarter departments.
- Participated in daily stand ups, refinement, planning, and retrospective meetings on multiple SCRUM teams.
- Involved in researching and decision making on new technology to be used as well as the purchasing of third party software.
- Designed new integration patterns, developed APIs, databases, microservices, and POCs.

OWNER

BUZZFANTASYGOLF.COM | DOUSMAN, WI | 2009 - PRESENT

Fantasy golf website that specializes in providing services that allow golf fans to run and manage a fantasy golf league.

- Developed the website and backend integration processes from the ground up.
- Implemented Google marketing, analytics and advertising services.

SOFTWARE ENGINEER

TDS TELECOM | MADISON, WI | 1998 - 2014

TDS Telecom is a telecommunications company that provides voice, internet, entertainment services, and business technology to customers nationwide.

- Designed, developed, implemented, and supported internal applications.
- Involved in all phases of the waterfall project life cycle.
- Technical lead on numerous projects

Work Experience & Projects

SKILLS (continued)

- Cloud Architecture & Design
- Database Design
- Payment Gateways
- Azure Active Directory
- OAuth2
- Google Identity Provider
- REST & SOAP Services
- BizTalk

WORK & PROJECTS

INTEGRATION PATTERNS

BATTERIES PLUS

With the strategy to move away from BizTalk Server and towards scalable cloud solutions, I designed and implemented a new integration pattern to be used at Batteries Plus. I introduced a new process where applications published events to the Azure Event Grid, event handler Azure Functions would then use identifiers to retrieve domain objects and publish them to the Azure Service bus. From there subscribers could pick up the domain objects and integrate the data into the destination applications. This new process allowed us to decouple non-critical path processing and introduced reliable messaging.

EMAIL SERVICE PROVIDER IMPLEMENTATION

BATTERIES PLUS

I was the IT representative for researching and purchasing an ESP for the marketing department. I was involved in all meetings, along with the business stakeholders, when meeting with 3rd party providers. After deciding on a provider, I worked closely with their technical team, designed our integration processes to send data using their RESTful API's, and developed and implemented the functions to pass the data along. I designed and implemented the integration processes in a generic manner using interfaces that allowed us to switch providers in the future with very little effort.

ON PREMISE TO CLOUD MIGRATION

BATTERIES PLUS

I was highly involved in the migration of our applications from on premise servers to Azure Cloud Services. We moved our web applications, API's, databases, and integration processes into various Azure services. I worked on implementing search solutions using Azure Search and CosmosDB, updating application code to prepare for migration, created build and release pipelines, and modified ARM Templates for Azure resource management.

WEBSITE & BACKEND DEVELOPMENT

BUZZFANTASYGOLF.COM

I originally created the website using .NET WebForms and have since started the migration to using .NET Core Blazor Server. I designed and developed the database using MS SQL Server, and have used Azure Service Bus and Azure Functions to handle backend processing and integrations. I implemented PayPal as the payment gateway for the website, and integrated with SendGrid to handle automated emails.