

Paul M Fischer

Accomplished software developer passionate about technology, continuous learning, and empowering teams to achieve innovative solutions.

EXPERIENCE

PF Consulting, Waupaca, WI — President/Consultant

KBX

June 2023 - Present

- Implemented gRPC/WebAPI microservices architecture for transportation management application, enhancing system scalability and performance
- Integrated multiple gRPC services to develop advanced features for transportation management platform
- Mentored junior developers by sharing expertise in gRPC, WebAPI, and .NET technologies
- Developed and maintained Angular-based transportation management user interface

C.H. Robinson

September 2022 - May 2023

- Developed shipment tracking functionality using Azure Maps within React micro-frontend architecture
- Created and maintained shared component libraries to enhance consistency across React micro-frontend applications
- Led knowledge sharing initiatives through weekly tech meetings and pair programming, elevating team's React expertise

Datasite

September 2021 - September 2022

- Maintained and enhanced Angular enterprise application by developing new features
- Led migration from Angular to React micro-frontend platform using Module Federation
- Developed reusable custom components compatible across React and Angular applications
- Collaborated with cross-functional frontend teams to establish architectural best practices and standards

SKILLS

Highly skilled in frontend development and tooling

Agile Methodologies

Microservices/Micro Frontends

React

Angular

Javascript/Typescript

C#/.NET Core

gRPC

TDD/BDD

Git/Github

HTML/CSS

Event-driven Architecture
(RabbitMQ/Apache Kafka)

Entity Framework

NHibernate

SQL/Postgres/MongoDB

Azure/AWS

EXPERIENCE (Continued)

Core BTS, Appleton, WI — Senior Software Engineer

ESI

June 2019 - September 2021

- Architected migration from monolithic to micro-frontend and microservices architecture for client
- Transitioned infrastructure from in-house IIS to Pivotal Cloud Foundry, improving scalability and deployment efficiency
- Developed .NET background workers to optimize long-running processes and API request performance
- Led weekly team technical talks to foster knowledge sharing and professional development

ILM, Edina, MN — Principal .NET Consultant

April 2012 - June 2019

- Provide frontend technical and architectural leadership
- Utilized Azure/AWS for hosting and deployments
- .NET/Java backend development
- Hired as Associate .NET Consultant and promoted to Senior .NET Consultant and eventually Principal .NET Consultant

Avtex, Bloomington, MN — Associate Consultant

September 2010 - April 2012

- Support of legacy clients on .NET (2-4)
- Project work with .NET MVC 2 & 3

HarrisIT, Eagan, MN — Software Technician (Intern)

May 2010 - August 2010

- Using .NET MVC to maintain and update in-house applications

EDUCATION

UW-Stout, Menomonie, WI — B.S. Applied Mathematics and Computer Science

January 2007 - May 2010

Concentration in Software Development and Game Development.