

William R. Moore • Mid-Level Engineer

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WORK EXPERIENCE

.NET Engineer / Context Engineer

5/2024 – Present

BDO

Tech Stack: .NET, Angular, Blazor, AI, Claude, Agentic AI work-flows

.Net Engineer responsible for maintaining critical business infrastructure spanning multiple applications and technology stacks. Oversaw Automation system re-writes, built and maintained internal tooling for our in-house web template. Specialized in productivity improvements using AI to build better internal tooling.

.NET Engineer

6/2023 – 4/2024

Fidelity National Financial

Tech Stack: .NET, JQuery

.Net Engineer responsible for maintaining legacy wire transfer systems.

Lead Enterprise Engineer

7/2022 – 6/2023

Selland Technologies

Tech Stack: .NetCore, TypeScript, JavaScript, PHP, Node.js, Nuxt.js

Architecting solutions, managed engineering teams, and vetting technology stacks. Designed technical artifacts such as architecture diagrams, technology manifests.

Engineer

1/2022 – 7/2022

Selland Technologies

Tech Stack: .NET, Nuxt / Vue.js (Vue / Nuxt 2), TypeScript, PHP

One of the main engineers responsible for R&D and project management.

APPLICATIONS

BDO Template C# to TypeScript source generator • Lead engineer

Technologies: .NET 10, TypeScript

A tool used to parse type definitions from a web project. It reads the API boundary types using reflection (controllers, functions, minimal APIs). It produces a type file with all transferable API types for client-side consumption. It also produces an API contract for detecting contract drift to help with versioning.

BDO Gross Contribution Marign ERP upgrade • Lead engineer

Technologies: .NET 6/7/8/9, Angular

A tool used to assess profitability for proposed business. BDO upgraded to a central data source via the roll out of a new ERP system, I was responsible for making sure the GCM application was ready for rollover.

Selland Technologies K-64 Work Force • Lead Architect, Technical Lead

Technologies: Nuxt.js, Typescript, Supabase

A business oriented social media site designed to advertise all local business opportunities in Catawaba county NC. Architected and oversaw development of the project. Built a custom tool for handling Supabase migrations.

Selland Technologies NASCAR Digital Licensing • Lead Architect, Technical Lead

Technologies: .NET 6, MVC, EF Core

A portal for handling seasonal licensing for sport racing. Built in .NET 6 using MVC and Entity Framework. Architected and oversaw development of the project.

SKILLS AND COMPETENCIES

Certifications

- AZ900

Programming Languages

- C#
- PHP
- JavaScript
- TypeScript
- Go

Frameworks

- .NETCore (MVC, LINQ, EFCore)
- Angular
- Vue.js
- node.js

Web

- HTML5
- CSS

Software

- AI
- Claude
- Visual Studio
- GitHub
- Jira
- Visual Studio Code
- Azure DevOps

Database

- SQL
- MSSQL
- MySQL
- PostgreSQL
- Supabase

Development Practices

- Agile Methodology
- SOLID

PASSION PROJECTS

Jazz Physics Engine

7/2023 – Present

Technologies: Typescript,

TypeScript physics engine for a browser-based 2D platform fighter. Architected for real-time performance and zero memory allocation in the game loop.

- <https://github.com/WilliamRMoore/Jazz>

HTML String Builder utility for HTMX

7/2023 – Present

Technologies: C#,

A utility class designed to help make the construction of smaller snippets of HTML easier when avoiding the use of templates.

- <https://github.com/WilliamRMoore/HtmxDotnet/blob/main/App/Utils/Html.cs>

EDUCATION

University of North Florida

B.S., Computer and Information Sciences

- UNF Dean's List
- Upsilon Pi Epsilon Member

REFERENCES

Ben Selland: 904-315-9661 · ben.selland@selland.technology
Selland Technology: Principal

Gregory Read: 904-303-7334 · Gregread@gmail.com
ASI: Team Lead

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Senior Project Teammate