

# David R. Marrero

Resume - June 2024

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Bloomington, Indiana 47408

## Seeking

Remote or hybrid software engineer position focused on .Net Core, Blazor, SQL Server and API development.

## Core skills

.Net Core, C#, Blazor, MVC, Web API, SQL Server, T-SQL, LINQ, Azure, AJAX, Entity Framework, jQuery/JavaScript, JSON/XML, and Knockout.js. Working knowledge of Python, Vue, React, Linux and Nginx. Open to learning new technologies. Twenty+ years of overall experience - including team lead - in multiple industries. U.S. Citizen.

## Summary

Current Position: Sr. Software Engineer

Visa Status: U.S. Citizen

Open to relocate: Yes (Canada or Portugal)

Availability: Immediate

Skype ID: david.marrerox24

Total Experience: 20+ years

Linked-In ID: <https://www.linkedin.com/in/david-marrero-a4910b10/>

## Profile

I have leveraged my twenty years of experience by leading development teams in multiple industries. Recent work has been focused on implementing microservices with .Net 8, SQL Server and Blazor. I have worked in .Net Core and Azure for nine years, having successfully delivered innovative solutions using Azure functions logic apps, data factory pipelines and continuous integration (CI/CD). I have also created and continue to manage .Net and Vue projects using VPS Linux environments. My various roles have included project manager, lead developer, consultant, IT manager, architect, and mentor. I believe in a standards-driven development, customer-focused service philosophy. I have taught IT courses at Ivy Tech Community for eleven years.

## Strengths

Problem-solving, visioning, planning, communication, collaboration, database design and development (including Azure), .Net Core architecture, web and API development, and project-task-risk management.

## Skills

Coding: C#, T-SQL, .Net Core (0-7-8), ASP.Net, Web API, MVC, Azure (Functions, Custom Policies, B2C, Graph API), LINQ

Database: MSSQL, MySQL, SQLite, Entity Framework, Dapper, Custom ORMs

Scripting: jQuery, JavaScript, CSS, XML, XSLT, JSON, XAML

Frameworks: Blazor, Razor, Knockout, Vue, React

Toolsets: SSMS, Visual Studio, Azure Storage/Functions, PowerShell, GIT, DevOps, ID Server

Planning and Preparation: Jira, Agile, Visio, Postman, Access, Camtasia, , Swagger, SDLC

Communication and Management: Stakeholder relations, project management, software design, documentation

Industries: Manufacturing, automotive, education, finance, e-commerce, military, government, healthcare insurance

## Education

Horizon University (Paris): DBA Studies (1 year only) - International Business

Indiana University: Bloomington, Indiana; MPA (Master of Public Affairs)

Indiana University: Bloomington, Indiana; BA, Pol. Sci. & Afro-American Affairs

## Employment

2024-03 – : Sr Azure Engineer; Walker HealthForce (Humana Military), Kentucky

Tasking: Azure B2c, Graph API, Custom Policies, Azure Functions

2023-10 – 2024-03: Sr Software Engineer; State of Indiana Courts, Indiana

Tasking: .Net 8, Web API, Blazor, MSSQL, microservices

2013 - present: Adjunct Instructor; Ivy Tech Community College, Indiana

Courses on Python, Database Design, Web Development, Project Management

2005 - present: Freelance Developer & Consultant, Indiana

Projects: .Net 6-7-8, MVC. Web API ,C#, MSSQL, LINQ, Blazor, Linux, Nginx, VPS

## Certifications

PMI Certified Associate in Project Management (CAPM) – Mar 2024

Microsoft Azure Data Engineer Associate (DP-203) – Jan 2023

Microsoft Azure Data Fundamentals (DP-900) – Dec 2022

Microsoft Azure Fundamental/Administrator (AZ-900, AZ-104) – 2022

Microsoft Certified IT Professional (DB Developer 2008) – 2014

Microsoft Certified Solutions Expert (MCSE: Data Platform) – 2014

Microsoft Certified Solutions Associate (MCSA – SQL Server 2012) - 2014

CompTIA Security+ Certification (2009, 2015, 2018)

MS Cert. Tech Spec/Pro Developer (MCTS/MCPD .Net Web Development) – 2008

Microsoft Certified Solution/Application Developer (MCAD/MCSD) – 2003-2008

**Proficiencies**

<b>Skill</b>	<b>Now</b>	<b>Years Used</b>	<b>Proficiency 1-10</b>
Net Core (Ver 2-3-5-6-7-8)	Yes	9	9
MSSQL/TSQL	Yes	20	10
C#/MVC/Web API/Services/DI	Yes	15	9
Blazor	Yes	4	8
Entity Framework, XML,JSON,ORM	Yes	20	9
Visual Studio/Visual Code	Yes	20	8
Azure/Functions/Logic Apps/SQL	Yes	9	8
HTML5, CSS3, XSLT,LINQ	Yes	15	9
JavaScript/jQuery/AJAX/Knockout	Yes	19	8
Project Management/Analysis	Yes	20	8
IT Instructor/Mentor	Yes	9	8
Agile/Jira	Yes	6	5
Vue/React	Yes	2	5

**Previous Projects and Positions**

Position: Consultant/Sr. Software Engineer

Company: **Private Client** – Indiana (2023)

Tasking: Health Tracking Azure app using Blazor and microservices. Consulting, architecture, API, Blazor development.

Position: Consultant/Developer

Company: **XLR8R Technologies** (2016-2023) - Spencer, IN

Tasking: Lead developer, architect DB designer for automotive repair industry client. MVC/C#/Blazor/Knockout/MSSQL/ Azure. Web apps for shop management, product catalogs, invoicing, inventory, and repair orders. Azure Storage and Logic Apps for batch processing.

Position: Sr. Software Engineer

Company: **Soltech** (2022-2023) - Atlanta, Georgia

Tasking: Health care insurance with X12 HIPPA EDI and claims processing. Responsibilities working with Jira, MSSQL, C#, LINQ, Azure functions, logic apps and ADF. Major task: replaced complex and failing AZ Logic App to set of AZ Functions callable in TEST and PRODUCTION modes. DB tracked performance, success/failure rates, etc.

Position: Sr. Software Engineer

Company: **SAIC** (2009-2022) - Crane Naval Warfare Ctr (NSWC) - Indiana

Tasking: Lead developer. Application architecture, MSSQL design & development, C#, Web API development, jQuery front-end development. Designed and built OPS Center (OC) project-task-risk management app. OC is a jQuery-based web app running over SharePoint using custom-built SOAP data component working with MSSQL. Internally, OC controls access using nine permission levels.

Position: Consultant/Software Engineer

Company: **AME Group** (2007-2009) - Bloomington, Indiana

Tasking: Project lead. Architecture/application design, VB.Net. Property tax collection & payment. MSSQL/SSIS/SSRS. XML import engine and ETL to ingest millions of records daily.

Position: Consultant/Software Engineer

Company: **Lear Corporation** (1997 – 2006) - Greencastle, Indiana

Tasking: CPIM, QS9000, BOM, scheduling, shop-floor data collection. VB.Net, MSSQL and XML.

Position: Software Engineer

Company: **Alcoa Closure Systems** (2002 – 2005) – Crawfordsville, Indiana.

Tasking: Project lead. Task management and tracking system for global training and job skill requirements for 180,000 employees; support in 14 languages. ASP, .Net, XML & MSSQL.