

David R. Marrero

Resume - March 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: By Contract

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. My most 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, including Docker. 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, Logic App), LINQ

Database: MSSQL, MySQL, SQLite, Entity Framework, 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

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

Skill	Now	Years Used	Proficiency 1-10
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.