

Michael Moreno

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<https://mikesbytes.net/>

SUMMARY

Software Engineer with 10+ years of experience using C# and .NET to build scalable, cloud-native applications. I've built everything from WinForms applications to multi-tier web apps and distributed systems on AWS. Most experienced with Microsoft technologies such as C#, T-SQL, TypeScript, and ASP.NET Core, with recent experience in Python and Node.js.

EMPLOYMENT

Career Break / International Travel

May 2025 – Apr 2026

- Took a planned career break to travel internationally
- Returned to the U.S. in April 2026 and fully available for new opportunities

Medidata | Senior Software Engineer

New York, NY • Jun 2021 – May 2025

- Took new eCOA web app from initial implementation to MVP using C#, ASP.NET Core, and PostgreSQL
- Optimized database interactions by improving EF Core query efficiency and data access patterns
- Designed and implemented REST API endpoints
- Introduced feature flagging with Unleash to enable controlled, incremental feature rollouts
- Identified and resolved performance bottlenecks across services and infrastructure
- Ensured code coverage with unit and integration tests with xUnit
- Collaborated with the QA team to hunt down bugs
- Wrote code to create customized Swagger documentation
- Mentored junior engineers and onboarded Ruby developers to the .NET ecosystem
- Guided multiple summer interns

Renaissance | *Software Engineer III*
New York, NY • Oct 2018 – Jun 2021

- Developed and maintained microservices with REST and GraphQL APIs within an AWS-based architecture using ASP.NET Core and Next.js
- Migrated services from Redis to DynamoDB, improving scalability and reliability
- Reduced infrastructure costs by converting ECS-based services to AWS Lambda

TrialScope | *Software Engineer*
Jersey City, NJ • May 2016 – Oct 2018

- Reduced deployment time by 50% by enhancing internal deployment tooling
- Built applications to synchronize data between TFS and Zendesk
- Developed monitoring tools and reporting solutions using PRTG and SSRS
- Parsed and transformed XML documents with XQuery
- Developed and tuned SQL queries
- Fixed bugs and implemented new features in company's flagship application

Dynamic Data Concepts | *Software Engineer*
New York, NY • Nov 2012 – Oct 2015

- Built integrations with Google APIs for directory and contact management
- Designed SQL queries for performance-critical applications
- Developed .NET check processing software application interfacing with Epson check scanners

TECHNICAL SKILLS

Languages: C#, T-SQL, TypeScript, JavaScript, Python

Infrastructure: AWS (Lambda, ECS, API Gateway), Node.js, Docker

Frameworks: ASP.NET Core, Next.js, Express

UI Technologies: React, MaterialUI, CSS, Tailwind, WinForms, Infragistics

Testing: xUnit, NUnit, Jest, pytest, unittest

Databases: SQL Server, PostgreSQL, DynamoDB, Redis, EF Core, Dapper

AI: GitHub Copilot, Claude Code, ChatGPT

Other: Git, Unleash, LaunchDarkly, Event-Driven Architecture, REST API Integrations

EDUCATION

Iona University — New Rochelle, NY
Bachelor of Arts, Computer Science