

MICHAEL MASON

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PROFESSIONAL SUMMARY

Full-stack software engineer with experience building and modernizing enterprise systems across .NET, Azure, SQL, and modern JavaScript frameworks. Track record of leading legacy-to-cloud migrations, architecting data pipelines, and protecting multimillion-dollar revenue streams. Air Force veteran known for clear communication with executive stakeholders and reliable delivery in fast-paced environments.

TECHNICAL SKILLS

- Languages: C#, SQL, JavaScript/TypeScript, Python
- Frameworks & Tools: .NET 5-10, Entity Framework, Dapper, Razor/Blazor, .NET MAUI, Angular, Telerik-KendoUI, KnockoutJS, RabbitMQ, Docker, Kubernetes, Helm, Git
- Cloud & DevOps: Azure, Azure DevOps, AWS, Microsoft Fabric, Azure Data Factory, Hangfire
- Databases: SQL Server, MySQL, DB2, Oracle DB, Postgres, Azure Tables
- Testing & Automation: Playwright/PuppeteerSharp, xUnit, Moq, Postman

PROFESSIONAL EXPERIENCE

Petfood Express | *Software Engineer*

- Protected \$2M+ in annual revenue by re-engineering mission-critical Amazon pricing and inventory integrations with fail-safe logic ensuring real-time stock synchronization.
- Sustained 99.9% uptime for core retail systems supporting \$150M+ in annual operations across 70 locations.
- Led Infor Warehouse Management Software migration. Architected an event based, serverless integration layer (Azure Service Bus, Azure Functions, Azure API Gateway, SQL Server, Azure Tables); presented the roadmap directly to the C-suite before leading implementation.
- Built a B2B partner portal (C#, Razor, MS Graph, Hangfire) automating Entra ID, SharePoint, and Power BI provisioning, and launched a new data-monetization channel delivering analytics to external partners.
- Centralized financial reporting by engineering a multi-source data pipeline (Azure Data Factory, Python, PySpark) unifying SQL Server, Oracle, DB2, and Azure Tables, eliminating manual reconciliation.
- Migrated 65+ APIs and 26 web applications to .NET 8, establishing an automated technical-debt reporting framework and closing legacy security vulnerabilities.
- Launched a .NET MAUI mobile app to 70 retail locations, cutting order-fulfillment processing latency for store associates.

Neudesic | *Software Engineer*

- Improved lead-to-contract conversion by building custom Power Apps that automated Sales-to-Legal handoff workflows in Microsoft Dynamics 365 CRM.
- Reduced system latency by engineering C# microservices on the Neudesic Service Bus to decouple legacy monoliths via asynchronous messaging.
- Increased regression coverage and cut manual QA cycles by building an automated UI testing framework with PuppeteerSharp inside the CI/CD pipeline.

Revature (client: Conifer Health Solutions) | *Associate Software Engineer*

- Improved deployment speed and reliability for the CloudCure healthcare platform by implementing GitHub Actions CI/CD pipelines.
- Deployed scalable microservices using Docker, Kubernetes, and Helm.
- Improved data integrity and performance across multi-database integrations spanning SQL Server, MySQL, and Postgres.

MILITARY EXPERIENCE

United States Air Force | *Staff Sergeant, Security Forces*

EDUCATION

- B.S. Liberal Studies - Kaplan University (Purdue Global)
- A.S. Criminal Justice - Community College of the Air Force