**THOMAS DOMINIC MORANO**

307 Wellington Rd, Buffalo, NY 14216 | thomas.morano@tomtomproductions.com | 716-866-6275

Accomplished Technical Lead and Development Manager with 13+ years of experience in steering cross-functional teams to deliver high-performance, scalable applications. Expertise in modernizing technology stacks and infrastructures, including .Net, Angular, AWS, and Azure, to achieve significant gains in system efficiency and cost reduction. Proficient in advancing SDLC practices, optimizing release management, and integrating cloud platforms to address dynamic client requirements.

* Cloud Platform Integration
* Technical Leadership
* Advanced Technology Adoption
* Architectural Design
* SDLC Management
* Release Management
* SOLID Design Principals
* Application Migration
* Front-End Development
* Backend Integration
* Stakeholder Collaboration
* Agile Software Development

**PROFESSIONAL EXPERIENCE**

**Technical Lead/Dev Manager September 2023 – Present**

SMX Tech – Remote

*Tech Stack: .Net 4.5, MVC, ODBC, AWS, IIS, Oracle*

* Spearheaded the adoption of advanced technologies and cloud platforms, resulting in enhanced system scalability and a more adaptable infrastructure capable of meeting evolving client needs.
* Directed the reorganization of development and DevOps teams to align more closely with client objectives, significantly boosting project efficiency and client satisfaction.
* Devised and executed new SDLC practices to streamline the management of production issues and feature requests, creating a more systematic workflow and accelerating resolution times.
* Integrated cutting-edge technology stacks and cloud services, such as Lambda, AWS Glue, and SQL Server on AWS, which elevated system performance and reduced infrastructure costs.
* Collaborated with stakeholders to gather comprehensive requirements and translate them into actionable technical solutions, ensuring that projects consistently met client expectations and were delivered on time.
* Formulated and implemented refined release practices, enhancing visibility into data changes and code releases, minimizing errors and improving release management.

**Principal Applications Architect October 2021 – August 2023**

GoMeyra – Remote

*Tech Stack: Angular 15, .Net 6, SQL Server, Azure, Kubernetes, Nginx*

* Transitioned from Principal Engineer to Principal Applications Architect, assuming responsibility for all critical technology decisions and ensuring strategic alignment with the organization’s technological vision.
* Architected and implemented a scalable cloud-based application platform, facilitating rapid deployment of new applications and achieving a 40% reduction in infrastructure costs.
* Led a team of ten developers in the design and execution of enterprise-level medical software applications, resulting in a 20% enhancement in application performance and operational efficiency.
* Developed and managed a comprehensive architecture roadmap, aligning technological advancements with business objectives and achieving a 30% reduction in application downtime.
* Spearheaded the evaluation and integration of new technologies and tools, optimizing the development process and accelerating application development time by 50%.
* Directed the overhaul of GoMeyra’s development department, recruiting and integrating six new team members to significantly elevate team capabilities and productivity.
* The portal also included integration with the Cornerstone Payment Systems and Square for payments processing from clients

**Principal Engineer October 2020 – September 2021**

Innovative Interfaces – Remote

*Tech Stack: Angular, Oracle, AWS, Java*

* Directed the successful migration of three primary applications from Angular versions 7, 8, and 9 to Angular 11, enhancing application performance, security, and long-term maintainability.
* Led the frontend architecture for a new marketing portal for Library services, resulting in a modern, user-friendly platform that improved user engagement and streamlined access to library resources.
* Transitioned frontend Angular applications to AWS S3, replacing a scaled instance and significantly reducing costs.
* Improved frontend performance and scalability by adopting the latest Angular features and AWS solutions, leading to a more efficient and cost-effective web application infrastructure.
* Created a Proof of Concept (POC) for a Progressive Web App (PWA) version of the Vega web application, demonstrating its ability to be installable and receive notifications, similar to the existing mobile app functionality.
* Engaged in strategic discussions about PWA integration, helping to plan the implementation of advanced features into the Vega web application to improve user experience and functionality.

**Principal Engineer/Team Lead January 2016 – October 2020**

Liazon/WillisTowerWatson – Buffalo, NY

*Tech Stack: Angular/C#/SQL, Hosting: Azure App Services*

* Directed the transformation of the BrightChoices consumer portal from an MVC framework to a Single Page Application (SPA) with a dedicated API backend and Token Authentication, improving user interaction and application performance.
* Oversaw a team of 8 engineers, including 2 remote members, leading the development and enhancement efforts for the BrightChoices and Benefits Access applications while managing critical bug resolutions and feature integrations.
* Implemented BrightChoices’ inaugural Azure Function, transitioning a legacy service from a virtual machine to a microservice architecture, which optimized the management of consumer workflow states and system scalability.
* Championed the upgrade of the BenefitsAccess application to Angular 9 through a hybrid approach, creating a POC that allowed for a gradual transition from ngJS to Angular with minimal disruption to ongoing operations.
* Initiated and will spearhead the transition of the BenefitsAccess MVC layer to microservice APIs in Azure, developing a POC to support the migration and enhance the application’s architecture for greater flexibility and maintainability.
* Designed and executed a Proof of Concept (POC) for a Hybrid Angular/AngularJS application, enabling a phased migration from ngJS to Angular for the BrightChoices platform and facilitating a controlled upgrade process.
* Also worked on the payments portal of the application to setup FSA accounts

**PROJECT EXPERIENCE**

**D.E.A.D. Educational Portal -** [*https://www.deatheducationassessmentdrills.com/*](https://www.deatheducationassessmentdrills.com/) **January 2019 – December 2023**

* Engineered a cutting-edge training portal for mortician board exam preparation, generating over $2 million in revenue and forming connections with numerous schools across the country.
* Developed and launched a specialized application for mortician training, driving substantial client revenue and expanding its reach to multiple educational institutions nationwide.
* This portal was a subscription based service utilizing Stripe for transactions and hosted in an Azure cloud environment.

**ADDITIONAL EXPERIENCE**

**Software Developer – Utilant March 2015 – December 2015**

*Tech Stack: Web API, .Net, javascript, AngularJS, Azure, Sql Server*

**Software Developer Contractor – M&T Bank February 2015 – March 2015**

**Developer II – Fidelis Care January 2014 – February 2015**

*Tech Stack: FACETS, .Net, AngularJS*

**Developer II – Fiserv December 2011 – January 2014**

*Tech Stack: SQL, WPF, MVC.Net, Azure, Foxpro*

**Web/PC Applications Dev Specialist – Airsep July 2011 – December 2011**

*Tech Stack: SQL, WPF, MVC.Net*

**RMA Technician/Test Engineer– Dialogic/Intel Corp February 2005 - July 2011**

*Tech Stack: SQL, MVC.Net, Access*

**EDUCATION**

**Bachelor of Science in Computer Information Systems | August 2008**

American Intercontinental University – Online

**Associate of Science in Computer Electronics | June 2004**

ITT Tech – Getzville, NY