

Daniel Mendez

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Skills

Programming Languages: C#, Java, JavaScript/TypeScript, Python, SQL, HTML/CSS

Frameworks: .NET Core, .NET MAUI, Xamarin, Next.js, React.js, Svelte/SvelteKit, Tailwind CSS,

Databases: SQL Server, MySQL, PostgreSQL, Redis

Tools: Git, Linux, Docker, Kubernetes, Azure (Table Storage, Service Bus, Blob Storage, Key Vault), Kafka

Work Experience

Clarity RFID

Plano, TX

Senior Software Engineer

April 2024 - Present

- Served as the web component lead, providing mentorship and architectural insight for our web presence while leading the code review process.
- Designed and implemented a high-precision item-tracking system using Geographic Information Systems (GIS) to map read locations, directly improving loss prevention and inventory analytics.
- Key contributor to an architectural rewrite of our core mobile applications from Xamarin to .NET MAUI, greatly improving cross-platform performance and maintainability.

Software Engineer II

April 2022 - April 2024

- Led the development of enterprise and site-specific web applications for major retailers, capturing real-time metrics and reports using TypeScript, TailwindCSS, Next.js, and SvelteKit.
- Developed retail supply chain microservices using .NET Aspire, C#, PostgreSQL, Docker, and Kubernetes.
- Engineered scalable, system-wide ETL integrations leveraging Azure Service Bus, Azure Blob Storage, Kafka, and FTP.

Software Engineer

December 2020 - April 2022

- Designed and implemented proprietary RESTful APIs and automated background jobs using C#, SQL Server, and Redis to enable item-level tagging features.
- Developed native mobile apps built with Xamarin Forms integrated with RFID hardware, enhancing real-time inventory management.

Game Grumps, Contract

Remote

Web Developer

May 2022 - Sep 2022

- Redesigned a popular YouTube studio's merchandise store by migrating from Shopify Hydrogen to Next.js, improving site performance, search engine optimization (SEO), and user experience.
- Drove \$800K+ in merchandise revenue by end of 2022 through enhanced site functionality, discoverability, and user experience.
- Built custom content management systems (CMS) for automatic product inventory updates, boosting efficiency for site maintainers.
- Developed robust Shopify Admin API and GraphQL integrations to enable real-time product tracking and filtering.

Dallas Baptist University

Dallas, TX

Network & System Administrator

Mar 2017 - Dec 2020

- Developed an open-source network automation tool in Python to assist in port security, SNMP, configuration, and report generation.
- Deployed and managed network infrastructure for 4,000+ users across three campuses, maintaining high network speed and stable/secure network connectivity.
- Enhanced web application security by migrating to Azure's password-less authentication using Managed Service Identity (MSI) and Azure Key Vault.

Education

Dallas Baptist University

Bachelors of Science in Computer Science

Cumulative GPA: 3.62/4.0

Dallas, TX

August 2016 - May 2020