Daniel Mendez

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Work Experience

SML RFID

Senior Software Engineer   April 2024 - Present

Software Engineer II   April 2022 - April 2024

- Led the development of multiple enterprise and store-specific web dashboards responsible for capturing real-time metrics and reports by major retailers using technologies of TypeScript, TailwindCSS, Next.Js, and SvelteKit.
- Involved in the design, development, and deployment of all new microservice applications for retail supply chain management using Dapr Microservice Runtime, C#, .NET, PostgreSQL, Docker, and Kubernetes.
- Responsible for delivering system-wide ETL integrations using various delivery mechanisms including Azure Service Bus, Azure Blob Storage, Kafka, and FTP.

Software Engineer   December 2020 - April 2022

- Designed and implemented proprietary and customer-specific API's and scheduled jobs for various features relating to item-level tagging using C#, SQL Server, and Redis.
- In a small team, assisted in the development of native mobile applications using Xamarin and .NET MAUI, integrated with RFID hardware used for real-time inventory management.

Game Grumps, Contract

Web Developer   May 2022 - Sep 2022

- Responsible for merchandise store redesign of a popular YouTube studio, migrating from Shopify Hydrogen to Next.js, and enhancing site performance, SEO, and user experience.
- Integrated content management system (CMS) software for real-time, and scheduled updates of product inventory and custom web components, significantly improving content management efficiency for site maintainers.
- Utilized Shopify's Admin API to write custom GraphQL queries for product filtering, availability, and sales tracking aiding customers with better insights into available merchandise.
- Achieved a substantial increase in merchandise revenue, contributing to over $800K in sales by the end of 2022 through improved site functionality, discoverability, and user experience.

Dallas Baptist University

Network/System Administrator   Mar 2017 - Dec 2020

- Led the development of an open-source network automation tool developed in Python responsible for managing port security, SNMP, switch configuration, and reporting.
- Responsible for installing, troubleshooting, and maintaining network infrastructure across three campuses establishing fast, stable, and secure networks for over 4,000 clients.
- Contributed to password-less WebApp migration to Azure using Managed Service Identity (MSI) and Key Vault, greatly increasing web security.

Skills

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

Frameworks & Libraries: .NET Core, GraphQL, React.js/Next.js, Svelte/SvelteKit, Tailwind CSS

Tools: Git, Linux, Docker, Azure Suite (Blob Storage, Table Storage, Service Bus, Power BI), Kafka, MySQL, PostgreSQL, Redis

Education

Dallas Baptist University

Bachelors of Science in Computer Science   Aug 2016 - May 2020

Cumulative GPA: 3.62