**J****oe Mendez-Hughes**

[Website](https://gowithjoe.github.io/) | [LinkedIn](https://www.linkedin.com/in/joe-mendez-hughes/) | [joemendezhughes@gmail.com](mailto:joemendezhughes@gmail.com) | 1-480-220-8939 | Phoenix, AZ | U.S. Citizen

**SKILLS**

Go (Golang) | Python | Kubernetes | Docker | PostgreSQL | REST APIs | AWS | Azure | gRPC | REST APIs

**PROFESSIONAL EXPERIENCE**

**SENIOR BACKEND ENGINEER**

*Dynamo Technologies, Washington, DC*

September 2023 - May 2024

* Architected and maintained scalable microservices using Go and gRPC, improving system efficiency and reducing latency by 25%.
* Implemented efficient concurrency models using goroutines to process large datasets in parallel, reducing processing time by 35%.
* Led the migration of a monolithic application to a distributed system with Go, leveraging gRPC and REST APIs to ensure smooth communication between services.
* Collaborated with DevOps to containerize services using Docker and managed deployment with Kubernetes for improved scalability and resource management.
* Optimized SQL databases, implementing performance improvements that reduced query times by 30%.

**SENIOR BACKEND ENGINEER**

*Deep Cloud IQ*, *New York, NY*

July 2021 – September 2023

* Engineered highly scalable backend services using Go, leveraging goroutines and concurrency to improve performance by 30%.
* Implemented gRPC-based communication protocols between microservices, reducing overhead and improving system performance.
* Collaborated with cross-functional teams to integrate Go services with SQL databases, ensuring data consistency and integrity across distributed systems.
* Engineered secure, scalable REST APIs to support real-time data exchange and reporting features.
* Developed extensive unit and integration tests, improving test coverage and reducing production issues significantly.

**SOFTWARE ENGINEER**

*Millennial Shift Technologies*, *Phoenix, AZ*

October 2020 – June 2021

* Developed efficient and scalable SOAP and RESTful APIs, ensuring seamless communication between systems and improving overall performance.

**JR SOFTWARE ENGINEER**

*Prizelogic*, *Scottsdale, AZ*

February 2018 – May 2020

* Assisted in the development and maintenance of back-end services for applications.

**EDUCATION**

*College of Southern Nevada, Las Vegas. NV*

*Studied: Computer Science*

*January 2014 – May 2017*