**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

**SUMMARY**

Software Engineer with 7 years of experience in developing and optimizing back-end systems and distributed applications. Skilled in Golang (Go), Python, database design, and distributed systems, with a track record of reducing system response times and enhancing data throughput.

**PROFESSIONAL EXPERIENCE**

**SENIOR BACKEND ENGINEER**

**Dynamo Technologies, Washington, DC**

*September 2023 - May 2024*

* Architected and maintained scalable microservices utilizing Python & Go, improving system efficiency and reducing latency by **25%**.
* Implemented efficient concurrency models using parallel processing to process large datasets, reducing processing time by **35%**.
* Led the migration of a monolithic application to a distributed system with Go, leveraging gRPC to ensure smooth communication between services.
* Developed Go-based microservices and collaborated with DevOps to containerize them using Docker, managing deployments through Kubernetes to enhance scalability and optimize resource allocation.
* Optimized SQL databases, implementing performance improvements that reduced query times by **20%**.

**SENIOR BACKEND ENGINEER**

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

*July 2021 – September 2023*

* Engineered highly scalable backend services using Python, leveraging threading and multiprocessing to improve performance by **25%**.
* Implemented communication protocols between microservices, reducing overhead and improving system performance.
* Collaborated with cross-functional teams to integrate Python services with SQL databases, ensuring data consistency and integrity across distributed systems.
* Modernized legacy codebase by migrating to Go, resulting in a **30%** improvement in load times, enhanced developer productivity, and optimized application functionality.

**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.

**JUNIOR SOFTWARE ENGINEER**

**Prize Logic, Scottsdale, AZ**

*February 2018 – May 2020*

* Worked closely with senior engineers to design and optimize microservices architecture for high-performance applications.

**EDUCATION**

**Computer Science**

College of Southern Nevada, Las Vegas. NV

*January 2014 – May 2017*

**SKILLS**

Go (Golang), Python, PostgreSQL, REST APIs, AWS, GCP, Distributed Systems, Git, Threading, Concurrency, Multiprocessing