

# Victor Alvarez

Backend Developer

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## PROFESSIONAL SUMMARY

Backend Developer with 8 years building payment, data, and infrastructure services in Go and Node.js. Strong background in distributed systems, API reliability, and database performance with a track record of reducing failure rates, latency, and cloud waste at scale.

## EXPERIENCE

### Senior Backend Developer

01/2023 - Present, Dallas, TX

Meridian Pay

- Designed ledger and payout services handling more than 25M monthly transactions, improving payout reliability and reducing failures by 43%
- Added idempotency, retry controls, and dead-letter handling to async jobs, cutting manual payout recovery work by 37%
- Reworked query plans and cache strategy for reconciliation endpoints, lowering infrastructure cost by 18% without impacting SLA targets

### Backend Developer

05/2019 - 12/2022, Remote

Harbor Insights

- Built a high-volume event ingestion pipeline processing more than 2B events per year for product analytics use cases
- Introduced partitioning and indexing improvements that reduced warehouse query times by 62% for internal reporting APIs
- Strengthened auth and permission checks across internal services, closing audit findings and reducing support escalations tied to access issues

## EDUCATION

### B.S. in Software Engineering

05/2019

The University of Texas at Dallas

- Coursework: Distributed Computing, Database Design, Computer Networks

## SKILLS

Go, Node.js, PostgreSQL, Kafka, Redis, AWS, Docker, Terraform, API design, SQL optimization, queue architecture, monitoring, incident response.

## CERTIFICATIONS

- AWS Solutions Architect - Associate, 2025
- Confluent Certified Developer for Apache Kafka, 2024

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