Michael Torres

Director of Engineering

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LinkedIn   GitHub   LeetCode   Portfolio

PROFESSIONAL SUMMARY

Engineering leader with 7 years of fintech expertise. Built high-frequency trading systems processing $2B+ daily with 99.99% uptime. Managing team of 20 engineers at Goldman Sachs.

TECHNICAL SKILLS

Languages: Java, Kotlin, C++, Python, Scala

Frameworks: Spring Boot, React, GraphQL, Angular

Databases: Oracle, PostgreSQL, MongoDB, TimescaleDB, Redis

Cloud: AWS, Azure

Tools: Kubernetes, Kafka, Terraform, Datadog

PROFESSIONAL EXPERIENCE

VP of Engineering
2021-08 - present

Goldman Sachs

Leading platform engineering team of 20. Architected new trading platform processing $2B+ daily volume.

Technologies: Java, Kotlin, Spring Boot, Kafka, Oracle, AWS

Senior Software Engineer
2019-03 - 2021-07

JPMorgan

Built real-time risk analytics dashboard. Reduced report generation time from 2 hours to 5 minutes.

Technologies: Java, Spring Boot, React, PostgreSQL, Docker, Kubernetes

Software Engineer
2017-08 - 2019-02

Bloomberg

Developed market data feed handlers processing 10M+ messages/second with sub-millisecond latency.

Technologies: C++, Python, Java, MongoDB, Redis

PROJECTS

FinanceQL (personal)
2023-01 - 2023-06 · 6 months · GitHub

GraphQL API for financial market data aggregation from multiple providers.

Technologies: Kotlin, GraphQL, Spring Boot, TimescaleDB

TradingBot Framework (personal)
2022-03 - 2022-08 · 6 months

Private algorithmic trading framework with backtesting capabilities.

Technologies: Java, Kafka, Redis, InfluxDB

EDUCATION

Bachelors in Computer Science
Columbia University, 2017 | GPA: 3.4

CERTIFICATIONS

AWS Solutions Architect
Professional

Certified Kubernetes
Administrator