RONALDO SUAREZ

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SUMMARY

Seasoned Software Engineer with 3+ years of experience in designing and scaling mission-critical cloud-native systems with a focus on enterprise-scale financial services. Extensive experience in event-driven architectures, high-throughput batch processing, and modern full-stack development. Adept at translating team achievements into strategic insights for customers and leadership, ensuring clarity and alignment on technical outcomes and business value. Passionate about solving complex technical challenges at scale. Thrives in fast-paced environments, and consistently seeks opportunities to take ownership of challenges and deliver impactful solutions.

Languages: Java, Go, JavaScript, React, Next.js, NodeJS, Python, SQL, Terraform

Frameworks & Tools: SQL (Postgres, Oracle), NoSQL (Mongo, Dynamo), Kafka, Spring Framework, Docker, Terraform, Blazemeter, Git, Control-M, Alteryx

Cloud & DevOps: AWS (EC2, EC2, RDS, Athena), Kubernetes, Docker, Grafana, Splunk, Datadog, Dynatrace

EXPERIENCE

J.P. Morgan Chase   Aug. 2023 – Present
Software Engineer   *Plano, Texas*

Payments Accounting Settlement Services
- Contributed to the development and design of a mission-critical application processing financial settlement for 100M+ daily general ledger transactions across the firm's settlement accounts. Engineered Kafka event streams and API-based applications to handle high-volume traffic, implementing industry-standard resilience practices to ensure near-zero downtime.
- Developed high-throughput batch processes (Java/Spring Batch) to generate EOD SAP-compliant settlement files. Implemented cross-tool monitoring and alerts with Splunk, Datadog, and Dynatrace, greatly reducing incident detection times.
- Led end-to-end performance testing using BlazeMeter (simulating 2K+ transactions per second). Scaled system throughput 5x by tuning EC2 autoscaling groups, RDS Aurora replicas, and Kafka topic & consumer settings.

Data Archival
- Contributed to the development and design of a compliance-focused microservice to archive billions of transactional data across 7 years to S3. Ensuring audit readiness for regulatory bodies. The solution was adopted as an enterprise-standard by various product teams across the firm.
- Designed and implemented a prioritization algorithm that optimized extraction sequences based on data criticality, reducing peak database load and accelerating high-priority ETL pipelines.

Anti-Money Laundering
- Contributed to the development of a high-performance Anti-Money Laundering (AML) transaction monitoring system to screen and flag suspicious activities, generating critical financial FOT and FOTP reports for regulatory submissions to the Financial Crimes Transaction Monitoring (FCTM) team. Built real-time event-driven pipelines using Kafka and Java/Spring Batch to process high-throughput transactional workloads.

PROJECTS

RapidABA   Aug. 2022 – Present
React, Next.js, Java, PostgreSQL, Spring, EC2, NodeJS, MongoDB
- Developed and architected a SaaS PMS serving 500+ behavioral therapists/analysts to streamline client management and session documentation, replacing error-prone manual processes. Built React/Next.js frontend and Java backend using JWT authentication with role-based access controls (RBAC). Saved therapists 8hrs/week on average through AI-assisted document generation.
- Launched ABAMock, a mock exam simulator used by 30+ ABA professionals, aligning with 100% of BACB task list requirements for BCBA and RBT edition certification exams.

EDUCATION

Florida International University   Miami, FL
B.S. in Computer Science GPA: 3.7