

Kevin Saephanh

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[github](#)

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[portfolio](#)

Work Experience

JPMorgan Chase

July 2024 - Current

Software Engineer III

- Led development of a distributed logging system with Kafka and Oracle, aggregating logs from 10 microservices to enable real-time monitoring and faster incident resolution.
- Optimized batch jobs for 10M+ trade records, reducing runtimes by 20% by consolidating processing into a single microservice and adding async Kafka triggers.
- Implemented a custom Kafka consistent partitioning strategy for a tax processing microservice for improved load distribution, reducing processing time by 15%.
- Developed a client-critical trade processing feature, working closely with BAs, Ops, and senior leadership to ensure accurate trade data for one of our largest clients.

Great Lakes Reality Labs

Aug 2022 - Feb 2024

Backend Engineer

- Rebuilt API from scratch using Nest.js and PostgreSQL, cutting the production timeline for the MVP application by 30%, accelerating time-to-market.
- Built a job matching system that connected students with roles based on skills, location, and other eligibility criteria, allowing companies to efficiently find qualified candidates.
- Developed a subscription system in the API, launching the platform's first revenue-generating feature and establishing a new monetization channel for the company.

Cognizant

Jan 2020 - Jan 2024

Full Stack Engineer

- Built and integrated an Angular microfrontend in Salesforce, overcoming file size limitations and enabling continued use of the existing system without a costlier new one.
- Implemented a Java-based batch job that updated over 30,000 records across database tables, remediating critical missing records used for auto loans investigations and auditing.
- Migrated a BFF Spring Boot app behind AWS API Gateway, leveraging its built-in JWT authentication and limiting ingress traffic for downstream microservices.
- Developed an escalation feature to expedite auto dealer and contract investigations, publishing Kafka records for async processing by external teams.

Skills

Languages: Java, Python, JavaScript, TypeScript

Frameworks: Spring Boot, Node.js, Angular, React

Databases: PostgreSQL, MongoDB, Oracle

Tools: AWS, Kafka, Docker, Git

Certifications

AWS Certified Solutions Architect - Associate

Education

University of California, Santa Barbara

2019

BA, Biological Anthropology