

Kevin Saephanh

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[github](#)

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[portfolio](#)

Work Experience

JPMorgan Chase

July 2022 - Current

Software Engineer III

- Led development of a distributed logging system with Kafka and Oracle, centralizing logs of 7 microservices to enable real-time exception and performance monitoring in Grafana.
- Reduced batch job runtimes by 20% by scaling file I/O for 3M trade records via Kafka-based async workflows, replacing single-JVM processing in our Spring Boot microservices.

Great Lakes Reality Labs

Aug 2022 - Feb 2024

Backend Engineer

- Rebuilt an from scratch API using Nest.js and PostgreSQL, significantly accelerating the production timeline for the flagship application.
- Implemented automated cron jobs to execute daily updates to large sets of database records, optimizing workflow efficiency by eliminating manual user intervention.
- Developed a subscription system in the API, establishing the first monetizable feature and revenue stream for the application.

Cognizant

Jan 2020 - Jan 2024

Full Stack Engineer

- Built and integrated a Spring Boot microservice and Angular microfrontend in Salesforce, bypassing file size constraints and allowing continued use of the Salesforce application.
- 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 an API Gateway, enhancing security with JWT authentication and restricting ingress traffic for downstream microservices.
- Developed an escalation feature across the system to expedite auto dealer/contract investigations, publishing events to Kafka for downstream processing.

Skills

Languages: Java, Python, JavaScript, TypeScript

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

Databases: PostgreSQL, MongoDB, Oracle

Tools: AWS, Kafka, Docker, Jenkins, Git

Certifications

AWS Certified Solutions Architect - Associate

Education

University of California, Santa Barbara

2019

BA, Biological Anthropology