

# Kevin Saephanh

kevin.saephanh@gmail.com

+1 916-882-4000

[github](#)

[linkedin](#)

[portfolio](#)

## Work Experience

### JPMorgan Chase

*July 2024 - 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 API from scratch using Nest.js and PostgreSQL, cutting the production timeline for the MVP application by 30%, accelerating time-to-market.
- Implemented automated cron jobs to execute updates to thousands of database records daily, ensuring accuracy for subscription, company, and student data.
- 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, Git

## Certifications

AWS Certified Solutions Architect - Associate

## Education

**University of California, Santa Barbara**

*2019*

BA, Biological Anthropology