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 for real-time exception tracking and performance analysis in Grafana.
- Reduced batch job runtimes by 20% by optimizing reads of 3 million trade records and improving memory allocation across 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