

Kevin Saephanh

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[github](#)

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[portfolio](#)

Work Experience

Great Lakes Reality Labs

Aug 2022 - Mar 2024

Lead Backend Developer

- Reengineered the non-functional API using Nest.js, integrated with a PostgreSQL database, significantly reducing the production timeline to deliver 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 multiple database tables, resolving data query and update issues caused by accidental updates.
- Migrated a Backend for Frontend (BFF) Spring Boot application behind an API Gateway, enhancing security by enforcing client authentication via bearer tokens. This initiative restricted ingress traffic to microservices and mitigated the risk of unauthorized access.
- Developed escalation feature across UI, BFF, microservice, and database to expedite dealer/contract investigations. Published changes Kafka streams for downstream subscriber services to process.
- Developed tests across multiple applications with Cypress, Cucumber, and JMeter, resulting in stable deployments and a significant reduction in production bugs.

Revature

Oct 2019 - Jan 2020

Associate Full Stack Developer

- Developed a real-time employee notification system for an enterprise Angular application, enhancing operational efficiency by enabling instantaneous communication and collaboration among internal users.

Skills

Languages: JavaScript, TypeScript, Java, Python

Backend: Node.js, Spring Boot

Frontend: Angular, React, Redux, HTML, CSS

Database: PostgreSQL, MongoDB

Tools: Docker, Git, GitHub Actions

Certifications

AWS Certified Solutions Architect - Associate

Education

University of California, Santa Barbara

2019

BA, Biological Anthropology