Kevin Nakamura

LEAD ARCHITECT

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Summary

Lead Architect with 12 years in software engineering and solution architecture for retail technology, insurance and freight platforms. Leads 5 architects, sets standards for Java, JavaScript and Python microservices on AWS, and drives the performance tuning and security work behind high-volume checkout and quoting systems.

Skills

• Solution Architecture • Java • JavaScript • Python • SQL • Oracle • Microservices • Performance Tuning • AWS • Security

Experience

Lead Architect 03/2022 - Present

Red River Retail Systems Dallas, TX

Point-of-sale and e-commerce software provider for 4,000 restaurant and retail locations.

- Lead an architecture group of 5 architects responsible for 60 microservices and the order management platform.
- Set solution architecture standards for Java, JavaScript and Python services, reviewed before every major release.
- Directed performance tuning that took checkout API latency from 800 ms to **120 ms** before the holiday peak.
- Partner with the security team on PCI DSS controls, passing 3 annual audits with no critical findings.

Senior Software Architect 01/2018 - 02/2022

Lone Star Auto Insurance Irving, TX

Auto insurer with 1.5 million policies in 9 states.

- Designed the move of the quoting engine from Oracle stored procedures to Java microservices on AWS.
- Cut quote response time by **60%** through caching, SQL query redesign and connection pool tuning.
- Mentored 12 engineers on design reviews, testing and secure coding.
- Wrote the API strategy used for 35 partner agency integrations.

Senior Software Engineer 06/2014 - 12/2017

Dallas Freight Exchange Dallas, TX

Online freight marketplace matching 10,000 carriers with shippers.

- Developed JavaScript and Java features for the load board used by **10,000** carriers.
- Optimized Oracle indexes and SQL, bringing load search time from 5 seconds to under 1.
- Built the first automated test suite, raising code coverage from 15% to 70%.
- Coached 4 junior engineers who were promoted to senior roles within 2 years.

Education

Bachelor of Science 05/2014

The University of Texas at Dallas Richardson, TX

Computer Science

Certificates

AWS Certified Solutions Architect - Professional 09/2020

Amazon Web Services

Oracle Certified Professional: Java SE 11 Developer 04/2019

Oracle