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## Letter of recommendation for Thanh-Tung Vu, Software Engineer

I am writing this letter to recommend Thanh-Tung Vu for the position of Software Engineer. He worked with us at Datadog as a Software Engineering Intern (from Feb 2024 to Aug 2024) and reported directly to me in my position of Engineering Manager.

As part of his internship, Thanh-Tung developed an auditing service allowing to track modifications that were made to mutable records in our metadata store. This auditing service enabled our team to understand which changes were made by the users but also to revert them when these changes were done by mistake.

This service is currently running in production and processing over 1M events per day.

In order to implement it, Thanh-Tung has quickly ramped up on:

- Debezium/Kafka Connect and “change-data-capture” workflows: to capture changes that were made to the database
- Golang: to write an efficient application to process the change events
- Database isolation levels: to understand how to identify changes that were happening atomically

Thanh-Tung has also contributed to various feature improvements and bug fixes on our team’s main production facing applications.

Should you have any question about him, feel free to reach me at +33 6 31 34 54 74

Thanks,

Haithem Kouki

