THINH LE

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UC SAN DIEGO — *B.S. COMPUTER ENGINEERING*   December 2019

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EXPERIENCE

DriveWealth — *SOFTWARE ENGINEER II, Fixed Income*

May 2023 – Present

- Developed a FIX Initiator component in Java to receive market data from ICE Bondpoint to produce to Confluent Cloud Kafka
- Implemented Go microservice APIs to filter and fetch debt instruments for Fixed Income
- Led DevOps to deploy Fixed Income microservice to OpenShift
- Extended core order routing's design to support multiple assets including Fixed Income, Options and more
- Developed Kafka producers and consumers to simulate DriveWealth Institution for testing purposes in lower environments preceding UAT
- Implemented applications to periodically upload and download corporate actions files from ICE Corporate Actions' sftp servers and deployed to OpenShift as cronjobs

ATLASSIAN — *BACKEND SOFTWARE ENGINEER II*

February 2020 – October 2022

- Addressed downstream consumers' noisy neighbor issue by designing and leading a project to replace our platform event bus's backup Kinesis to SQS
- Addressed customer deployment and scale out failures by designing a resiliency project using S3 in our artifacts store service's Java client
- Saved >$50,000/week by exempting team from participating in a logging initiative with a detailed docs breaking down Splunk costs and alternate solution with metrics
- Improved on-call experience for team by reducing noise by 50%, writing runbooks, introducing self-built UI tool, and holding mock incidents for new members
- Developed internal automation for designers' new release note platform, Contentful
- Maintained and developed python service that interacts between Jira and Launchdarkly
- Developed Spring Boot APIs and delivered self-written internal UI tool in React for support engineering and product engineering to debug team's feature release service
- Mentored intern and entry level software engineers

SKILLS

Languages: Go, Java, Python

Tools: JUnit, Terraform, Git, IntelliJ, Docker, Bitbucket Pipelines

Technologies & Frameworks: SQS, Kinesis, S3, EC2, Spring, Flask, Celery, Postgres, DynamoDB, ActiveMQ, Kafka, Kubernetes, OpenShift, Helm, FIX protocol