NHAN T. LE

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EDUCATION

San Jose State University
Jan 2020 — Expected Aug 2022

— **B.S. Software Engineering**

Santa Barbara City College
Aug 2017 — Dec 2019

— **A.S. Computer Science, Mathematics Minor**

Courses	Data Structures/Algorithms, Software Engineering, Computer Organization, Databases, Human Computer Interaction (UI/UX), Linear Algebra, Computer Network Security, Software Management.
Activities	Competitive Programming Club, Software & Computer Engineering Society, CS Club.

SKILLS AND LANGUAGES

Languages	*Proficient* (Java, Python, JavaScripts), *Intermediate* (Dart, SQL, Solidity)
Frameworks	MERN Stack, VueJS, Spring Boot, Flask, Flutter, Blockchain Frameworks
Services/Tech	Git, Heroku, Jenkins, Travis CI, Docker, Kubernetes, GCP, AWS, Metamask, Hyperledger Suites
Interest	Distributed Systems, Blockchain, Music, Outdoor Lifestyles, Sports

EXPERIENCE

Amazon
San Francisco, CA

Software Developer Engineer Intern
May 2021 — Aug 2021
- SDE Intern at Consumer Org Bay Area Team.

SAP Labs
Palo Alto, CA
NodeJS, Python, JS, AWS, K8s, Docker, Blockchain, DevOps, Solidity

Software Developer Intern (Part-time)
Oct 2020 — May 2021
- Core Engineer at Digital Identity Team. Designed and launched distributed, scalable, and fault-tolerant network to support smart contracts deployment that spans across multiple geographical zones.
- Supported onboarding customers into existing infrastructure and monitored high volume of over millions of transactions a day using AWS NLB and Docker Swarm to ensure 99% availability.
- Owned the project that comprises researching and integrating open-source SSI (Self Sovereign Identity) wallets into Indy and Ethereum clusters and wrote a persistent layer pair-wise DIDs service on mainnet.
- Initiated a CI/CD pipeline using Jenkins, and K8s to automate testing, and deployment of smart contracts.
- Researched Hyperledger Indy, Aries to provide Interoperability between edge agents and SSI networks.

SAP
San Ramon, CA
Java, Python, SQL, Kubernetes, HANADB

Software Developer Intern
Jun 2020 — Aug 2020
- Introduced new microservices to decouple legacy monolithic codebase into Picklist-As-A-Service and provided 100% regression, integration test coverage using Mockito and JMockit.
- Parsed 10000+ failure logs to identify most critical database migration errors and customers' instances.
- Orchestrated K8s clusters and migrated build jobs from the main CI pipeline to the local environment.

Dive Chat
San Jose, CA
React, Expo, GCP, JS

Software Developer Intern
Apr 2020 — Jun 2020
- Reduced notification feature cost by 33% by reconstructing object schema on GCP and introduced new services as middleware to connect GCP Cloud Functions and backend Expo servers.
- Collaborated closely with CTO to identify bottlenecks on the backend services by using V8 profiler.

Green Global
Da Nang, Vietnam
Java, Spring, MySQL, JS

Software Developer Intern
Jun 2018 — Aug 2018
- Maintained backend authentication service and reduced frontend page load by 22% using Redis and achieved 95% bug coverage by writing 4000+ lines of test plans following TDD methodology.
- Created an dashboard to monitor network rate and average workloads of our internal VMs.

PROJECTS

Webify - *Bootstrap, React, Redux, Spotify API, NodeJS*
- Self-taught React and implemented curated song and playlists generator based on users' Spotify top artists, genres and playlists.

Twitter Kafka - *Kafka, Java, ElasticSearch*
- Implemented a real-time tweet filter and aggregator based on different keywords and number of followers using Twitter API.

Tab Tracker - *SQLite, VueJS, Python, Selenium*
- Leveraged VueJS and developed a platform for musicians to share music tabs using data that scraped from the Ultimate.

Awards

Participant - LA Hacks, Hack Merced, SacHacks, CalHacks
- Participant of multiple 36-hour projects in different tech stack such as MERN, MEAN, Flutter and winner of Best Beginner Hack.

First Runner Up - ICPC Regional Programming Contest (SoCal Region)
- Competed against 90 teams from UCSD, UCLA, USC, CalPoly, UCSB contestants.