

# NHAN T. LE

portfolio [www.nhantle.com](http://www.nhantle.com)

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## EDUCATION

### San Jose State University

Jan 2020 — Expected 05/2022

— B.S. Software Engineering, GPA: 3.63

Activities Competitive Programming Club, Software & Computer Engineering Society, Computer Science Club, GCP Scholars

Courses Data Structures/Algorithms, Discrete Math/Probability, Software Engineering, Computer Organization, Databases, Human Computer Interaction (UI/UX), Linear Algebra

### Santa Barbara City College

Aug 2017 — Dec 2019

— A.S. Computer Science, Mathematics Minor

## SKILLS AND LANGUAGES

Languages	Proficient (Java, Python, JavaScripts), Intermediate (C++, HTML/CSS, Dart, Golang, SQL), Familiar (C, Ruby)
Frameworks	MERN Stack, React, VueJS, Spring Boot, Flask, Flutter, React Native
Services/Tech	Git, Heroku, Travis CI, Docker, Kubernetes, GCP, AWS
Interest	Fullstack Development, DevOps, Big Data, Infrastructure, Cloud Technologies, Mobile Development

## EXPERIENCE

### SAP

Palo Alto, CA  
Oct 2020 - Present

San Ramon, CA  
Jun 2020 - Aug 2020  
Java, Python, SQL, SAP UI  
Kubernetes, HANADB

#### Software Developer Intern (Fullstack)

- Currently part of Digital Identity Team and am working on Blockchain technology, supporting to develop decentralized identity feature using Homomorphic encryption.

#### Software Developer Intern (Backend)

- 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 local environment.

### Dive Chat

San Jose, CA  
Apr 2020 - Jun 2020  
React, Expo, GCP, JavaScripts

#### Software Developer Intern (Backend)

- 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.
- Worked closely with CTO to identify bottlenecks on the backend services by using V8 profiler engine.

### BICO

San Jose, Vietnam  
Nov 2019 - Jan 2020

#### Software Developer Intern (Frontend)

- Migrated WordPress website to Gatsby and built a CI/CD pipeline to alert crash reports and wrote Python scripts email forwarding systems to automate customers' success business workflow for 300+ customers.

### Green Global

Da Nang, Vietnam  
Jun 2018 - Aug 2018  
Java, Spring, MySQL, JS

#### Software Developer Intern (Fullstack)

- 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 a dashboard to monitor network rate and average workloads of our internal VMs.

## PROJECTS

**Webify** - <https://webify-react.herokuapp.com/> - 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.

**PlantVibez** - <https://github.com/Nle1/plantvibez> - Flutter, Dart, Java, GCP

- Led team of 4 students and created cross-platform mobile app that allow users to set reminders to water their in house plants.

**Twitter Kafka** - <https://github.com/Nle1/kafka-elasticsearch> - Kafka, Java, Elasticsearch

- Built a real-time tweet filter and aggregator based on different keywords and number of followers using Twitter API and Kafka Stream.

**Tab Tracker** - <https://github.com/Nle1/tab-tracker> - SQLite, VueJS, Python, Selenium

- Leveraged VueJS and built a platform for musicians to share music tabs using data that scraped from the Ultimate Guitar website.

**EZWOEID** - <https://github.com/Nle1/EzWOEID> - NodeJS, React, JS

- Built a dashboard to look up woeid by country name because old API from Yahoo is deprecated.

## 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 (Hack Merced)

**First Runner Up** - ICPC Regional Programming Contest (SoCal Region)

- Competed against 90 teams from UCSD, UCLA, USC, CalPoly, UCSB contestants.