

# THANH DAT TRAN

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## SKILLS

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- Java | Python | Dart | Html | CSS | JavaScript | Groovy | SQL | Git | API | Postman | Unit Test
- Springboot | Spring Security | Flask | Flutter | AWS | Google Cloud Platform | Docker | Jira | Jenkins | MySQL
- Backend | Frontend | Microservice | Database | CICD | OOP | Distributed System | Cloud Service | Mobile

## WORK EXPERIENCE

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**Infosys** **Software Engineer Intern** Melbourne, Australia 01/2024 - 03/2024

- Built the Python Flask Rest API backend application implemented OpenAI whisper model to transcribe audio from video to user-preferred languages support 300,000 employees and reduced the cost of using cloud service to 50%.
- Design a dynamic webpage frontend for users to perform post/put/get/delete actions with the backend and database.
- Deployed and maintained the CICD of backend, frontend, and database via EC2 instants on AWS.

**Nasdaq** **Software Developer Intern/Parttime** Sydney, Australia 12/2022 - 09/2023

- Created the CICD pipeline for automation of the stock transaction alert system in APAC/ EMEA/ NSAC regions using Jenkins and deployed on AWS to detect the trading volume of 3000 stock companies.
- Joined a team of 12 software developers to construct and test the Java project alert system that detects suspicious and behavioral stock transitions.

**Gaotek Inc** **Software Engineer Intern** Melbourne, Australia 07/2022 - 10/2022

- Designed a Created Flutter frontend for mobile-app monitoring, demonstrating expertise and supporting 2000 users. Developed Java backend on Google Cloud Compute, facilitating REST API access to MySQL database for CRUD operations on user data.

## PERSONAL PROJECTS

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### TikTok Demo Backend [\[GitHub\]](#)

- Built Spring Boot Rest API backend application to allow users to create, read, update, and delete their videos to the database server with authentication implemented using Spring Security.
- Deploy the app on AWC EC2, host my database on RDS, and set the security groups to allow the Spring app can connect with the database.

### Umetalk [\[GitHub\]](#) [\[Website\]](#)

- Designed and developed a mobile chat application using Flutter and published on App store and Google Playstore
- Programmed login, signup, and delete account functions using Firebase Authentication and performed sending messages/ caching image features between users with user metadata being stored in Firestore Database.
- Deployed the NodeJS notification alert system for users via Google Cloud Run.

## EDUCATION

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**Monash University** - Melbourne, Australia 02/2022 - 12/2023  
B.S in Computer Science

**De Anza College** - California, United States 06/2018 - 06/2021  
A.S in Computer Science

## ACTIVITIES

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Hult Prize Vietnam (2018), BayCodeDay San Francisco (2019), Zalo AI Challenge(2020)