# Thanh Dat Tran

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## EXPERIENCE

### Infosys, Melbourne — *Software Engineer Intern*

Jan 2024 - Apr 2024

● Written application that generates subtitles and detects objects in videos to integrate with the Infosys Lex learning platform eliminating 30% of the cost using third-party services by using open source generative AI models.

### Nasdaq, Sydney — *Software Developer*

Dec 2022 - Sep 2023

● Joined the Alerts projects with 12 developers wrote backend processing tasks and deployed them to cloud-based infrastructure.

● Optimized the trading information metadata transfer process from 3 days to 1 day by creating a CICD pipeline for automation of the stock transaction alert system over different regions.

### GaoTek, Melbourne — *Software Engineer Intern*

Jul 2022 - Oct 2022

● Designed a backend application to enhance efficiency and reduce the cost of using cloud service to 60% by implementing JSON web token and cache.

## PROJECTS

### UmeTalk — *Flutter, Java, Google Cloud*

● Developed a social media platform facilitating seamless user interaction and relevant information access.

● Impacting thousands of users by connecting more effectively and staying informed.

### MellowSik — *Flutter, Python, AWS*

● Developed a music streaming application that streams instrumental music to aid users in staying focused, entertained, or relaxed.

● Enhanced user productivity and relaxation for thousands of users, as measured by session duration, by implementing a work mode and relaxing mode.

## SKILLS

**Languages:** Java, Python, C, JavaScript, Dart

**Frameworks:** Spring, Flask, Flutter, NodeJS

**Database:** MySQL, Firebase, MongoDB

**Technologies:** AWS, GoogleCloud, Jenkins, Postman, Redis, Docker, Git, Kubernetes

**Concept**: Data Structures & Algorithms, Object Oriented Programming, Agile, MVC, MVVM, Rest API, Caching, CI/CD, Generative AI

## EDUCATION

### Monash University, Australia — *Bachelors*

2022-2023 - Computer Science

### De Anza College, USA — *Associate*

2018-2021 - Computer Science

## LEADERSHIP & AWARD

Marketing Committee at Japanese Club (Monash University)

Vice-president at Geeks for Hackathon (De Anza College)

CodeDay 2019 (San Francisco) – Best concept app