

THANH DAT TRAN

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EDUCATION

Monash University - Melbourne, Australia
B.S in Computer Science
Marketing committee member for MJC club

February 2022 - December 2023

De Anza College - California, United States
A.S in Computer Science

September 2018 - June 2021

Award in Dean's List, Vice President at Geeks for Hackathon club, Award for excellent Math tutor at college.

WORK EXPERIENCE

Infosys - Melbourne
Software Engineer Intern

January 2024 - April 2024

- Reduced costs by 30% for the Infosys Lex product by building a web application that generates subtitles and detects objects in videos using Python, JavaScript, AWS, TensorFlow, Bootstrap, and Hugging Face.

Nasdaq - Sydney
Software Developer

December 2022 - September 2023

- Created the CICD pipeline for automation of the stock transaction alert system over different regions using Jenkins, Jira, Git, Maven, and Kubernetes deployed on AWS EC2.
- Developed a highly scalable Maven project for the Nasdaq Alert Retriever core to detect trading alerts using Java, SQL, Scripting, and AWS RDS.

GAOTek Inc - Melbourne
Software Engineer Intern

July 2022 - October 2022

- Designed and deployed a Spring Boot backend with JWT authentication and Redis caching to optimize performance for a Flutter mobile app, migrating away from Firebase and reducing backend costs by 60%.

Naau Technology - Remote
Full-Stack Software Developer Intern

April 2021 - Jan 2022

- Built a full-stack app for sharing personal information via NFC and QR codes using React, Bootstrap, Spring Boot, and MySQL, hosted on AWS EC2.
- Implemented a product recommendation system using collaborative filtering and matrix multiplication in Python, with written JUnit tested with 10,000 user cases.

PERSONAL PROJECTS

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

- Developed a scalable mobile social media application on iOS and Android devices helping users to interact with others easily.

Languages and framework: Dart, Java, JavaScript, Flutter, Springboot, NodeJS, Firebase, Google Cloud Platform

SKILLS

- Languages: Java, Python, C++, JavaScript, HTML, CSS, Groovy, SQL, Dart, Scripting
- Framework & Tools: Springboot, Springcore, Flask, Docker, MySQL, Flutter, React, AWS, Google Cloud Platform, Jira, Jenkins, Linux, PostMan