



Tri Lai

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Gender: Male **Date of birth**: 05/08/2000 **Nationality**: Vietnamese

ABOUT ME

I am an adaptable and motivated individual, capable of immersing myself in a diverse working environment and always willing to build good working relationships with all colleagues, all in services of creating high work productivities.

EDUCATION AND TRAINING

[30/09/2019 – Current]

Bachelor of Software Engineering (Honours)

RMIT University Vietnam <https://www.rmit.edu.vn/>

Address: 702 Nguyen Van Linh Blvd, Tan Hung Ward, District 7, 700000, Ho Chi Minh City, Vietnam

Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*

- Native mobile app development (iOS, Android)
- Agile methodologies (Scrum, Kanban)
- Research skills (literature review, academic writing, problem solving)

LANGUAGE SKILLS

Mother tongue(s): Vietnamese

Other language(s): English

DIGITAL SKILLS

Office

Microsoft Office

Project Management

Communication and interpersonal | Project Plans and Reports | Agile Methodologies (Scrum Kanban) | Version Control System (Git)

Coding

Mobile App Development(iOS and Android) | iOS (Swift, SwiftUI) | Android (Kotlin, Java) | Firebase: Firestore, FirebaseAuth, Firestore, RealTime database | Database (MySQL, PostgreSQL, SQLite, SQLAlchemy, MongoDB) | Backend integration (APIs, RESTful services)

PROJECTS

[14/02/2024 – 26/02/2024]

Brighter Tomorrow

[iOS]

The app motivation is to equip children with crucial knowledge and resources about sexual abuse prevention through interactive lessons. The app supports following features:

- Provide quizzes and interactive lessons.
- Provide emergency supporting unit's list with details.
- Provide a secure authentication.

Link: <https://github.com/nhat117/app>

[04/12/2023 – 21/01/2024] **PawSome**

[Android]

The Pawsome app connects pet lovers with those who have dogs, cats, and other adorable animals that are waiting for their forever homes, it let users enjoy the companionship of a cuddly creature and learn how to raise them before coming to an adopted decision. The app supports following main features:

- Manage pet information and pet booking
- Real time chat between users.
- Secure user's credential with eKYC technology.
- Integrate credit card payment for booking.
- Upgrade membership for unlocking more features.

Link: <https://github.com/PawSomeRMIT/PawSome>

[13/12/2023 – 23/12/2023] **Earthlings**

[Android]

Earthlings is a volunteer booking app that allows users join and schedule own volunteer activities. It is expected to promote a worldwide community committed to good change. The app supports following features:

- Create and manage activity details.
- Direct user to activity's site within embedded map.
- Schedule upcoming activities and view attended ones.
- Support authentication.

Link: <https://github.com/Tri-Lai/Android-A2>

[12/11/2023 – 19/11/2023] **Diet Plan Discovery**

[Android]

The app aims to provide balanced meals for user by calculating the nutrition factors of foods (including calories, protein, carbohydrates and fat) so that they can adjust portions in each meal to observe taken calories. The app supports following features:

- Set target calories for meals within a day.
- Offer list of various foods along with nutritional factors.
- Closely monitor taken calories of meals and notify user if it exceeds limit

Link: https://github.com/Tri-Lai/Diet_Plan_Discovery

[10/09/2023 – 25/09/2023] **Muscle Discovery**

[iOS]

The inspiration of Muscle Discovery app focuses on fitness field since fitness is an important aspect of sustainable well-being. By using app, users can achieve their fitness goals, also can monitor their nutrition and exercise habits and optimize their results. The app supports following main features:

- Offer list of experienced trainers and make appointments with them via video calls.
- Integrate credit card payment.
- Set target calories for meals within a day.
- Offer list of various foods along with nutritional factors.
- Closely monitor taken calories of meals and Adjust meal portions.

Links: <https://github.com/ThucT4/MuscleDiscovery> | <https://vimeo.com/918618226?share=copy>

[20/08/2023 – 05/09/2023] **Epic XO**

[iOS]

The app focuses on boardgame genre, which takes the ideas of traditional TicTac-Toe game, named Epic XO. The app supports following features:

- Provides two play modes, single and two players with adjustably difficult level.
- Provide ranking on leaderboard based on winning match count.
- Support dark mode.

Link: <https://github.com/Tri-Lai/tic-tac-toe>

[26/07/2023 – 05/08/2023] **The Baker House**

[iOS]

The Baker House is a list-based application with the purpose is to provide a list of navigation list of bakery shops in Ho Chi Minh city in details. The app supports following features:

- Offer list of various bakery shop.
- Display the detailed information (.i.e type of bakeries, their story, serving menu and their location).
- Allow manual search to look up for desired shops.

Link: <https://github.com/Tri-Lai/the-baker-house>
