

BÙI NGỌC ĐẠI

MOBILE DEVELOPER



ABOUT ME

I'm a frontend developer specializing in React Native, Express.js, MongoDB, and Google APIs.

I enjoy creating user-friendly mobile experiences and continuously learning new technologies.

If you're looking for someone who cares about mobile development and works hard, I would be excited to collaborate with you!

CONTACT

- Phone: 0868441273
- Email: ngocdaibui99@gmail.com
- GitHub: <https://github.com/ngocdai99>
- Location: Binh Thanh District, HCM

ACHIEVEMENTS

- Top 100 students at FPL Ho Chi Minh City campus for 5 consecutive semesters (8/2023–5/2025)

EDUCATION

- Mobile App Development
- FPT Polytechnic
- GPA: 3.9/4
- 05/2023- Present

TECHNICAL SKILLS

- Languages: JavaScript, TypeScript, Java, Kotlin
- Frontend: React Native, React JS, Android (Java, Kotlin)
- Backend: Express.js, RESTful API, WebSocket (Socket.IO)
- Database: MongoDB, Firebase, SQL
- API & Tools: Axios, Google APIs
- UI/UX: Figma
- Version Control: Git

WORK EXPERIENCES

Learning Chinese System (Application)

6/2025 – Present | Team size: 10 | Role: Mobile Developer

Organization: Academic Department – FPT Polytechnic College, Ho Chi Minh City.

Description:

A Chinese learning app that enables users to study through videos, documents, and quizzes. The system tracks learning progress, supports assignment submissions and instant results, and enhances engagement via gamification and push notifications.

My responsibility:

- Developed features including video lecture playback, user management, FCM push notifications, and offline video download functionality.
- Built and maintained user interfaces using React Native.
- Integrated front-end with back-end via RESTful APIs

Tech stack: React Native, Redux, Firebase Cloud Messaging, NestJS, PostgreSQL, TypeORM

FPT – Polytechnic Career (Website)

04/2025 – 06/2025 | Team size: 10 | Role: Front-end Developer

Organization: Business Relations Department – FPT Polytechnic College, Ho Chi Minh City.

Description:

A web platform that supports students in finding full-time and part-time job opportunities aligned with their majors at FPT Polytechnic College. The system is used by administrators and staff from the Business Relations Department to manage student profiles and job postings.

My responsibility:

- Developed the student CV management feature for the admin dashboard.
- Built and maintained responsive user interfaces using ReactJS.
- Integrated front-end with back-end via RESTful APIs

Tech stack: ReactJS, Redux, Tailwind CSS, NestJS, MongoDB

PROJECTS

GreenZone Drinks Ordering System

01/2025 – 05/2025 | Team size: 5 | Role: Leader (Fullstack)

Description:

An online drink ordering system with three mobile apps:

- Customer App: Browse menu, place orders, track delivery, and redeem vouchers.
- Merchant App(Tablet): Manage and confirm incoming orders, scan voucher, create offline orders, assign delivery staff. Track order status and view daily/monthly revenue statistics....
- Delivery App: Update delivery progress with map (Goong.io)

My responsibility:

- Led a team of 5, handled task planning, code reviews, and overall project architecture
- Developed backend APIs with Express.js and MongoDB
- Implemented real-time order tracking using Socket.IO
- Designed and implemented 70% of the user interface.
- Set up core modules (axios, components, utils, navigation, auth, socket, custom hooks, context APIs, etc)
- Integrated services: ZegoCloud (audio call)

Tech stack: React Native, Express.js, Redux Toolkit, Saga, SQLite, MongoDB, Socket.IO, ZegoCloud, Goong Map API.

Youtube demo: <https://youtu.be/STSSRkU-6Og?si=GL80pNYLoozcXdFn>

- Frontend (Customer, Merchant, Delivery apps): <https://github.com/GreenZone-FPL>

- Backend : <https://github.com/MyGreenZone/Backend>

Sun News

11/2024 – 12/2024 | Solo Project | Role: Fullstack Developer

Description: A mobile application that allows users to read global news and explore trending topics in real-time

My responsibility:

- Designed database, UI in React Native
- Implemented core features: user authentication (login, register, forgot password), profile management, tag-based news filtering, news exploration, and favoriting articles
- Publish app to Google Play

Tech stack: React Native, Redux Toolkit, Saga, MongoDB, SQLite

Source code: <https://github.com/ngocdai99/Sun-News>

Furniture

08/2024 – 10/2024 | Solo Project | Role: Fullstack Developer

Description: Mobile app for buying and selling furniture with features like product management, cart, orders, and revenue tracking.

My responsibility:

- Designed UI in React Native and backend with Express.js
- Built features: product management, cart, orders, stats

Tech stack: React Native, Redux Toolkit, Express.js, SQLite, MongoDB

Source code: <https://github.com/ngocdai99/FurnitureReact>

<https://github.com/ngocdai99/FurnitureBackend>

PROJECTS

Ecommerce (Shopee Clone)

06/2024 – 08/2024 | Team size: 2 | Role: Fullstack Developer

Description: An e-commerce mobile application

My responsibility:

- Designed database, UI in Java XML
- Developed features for managing shops, products, shopping cart, orders, and revenue statistics

Tech stack: Java, XML, Firebase/Firestore

Source code: <https://github.com/duynguyentan/ecommerce-android-app>

Minimum Library

04/2024 – 06/2024 | Team size: 2 | Role: Fullstack Developer

News article

Description: A mobile application for library management

My responsibility:

- Designed database, UI in Java XML
- Developed features for managing books, staff, borrowing records, and usage statistics

Tech stack: Java, XML, SQLite