BÙI NGỌC ĐẠI

REACT DEVELOPER

ABOUT ME

I'm a frontend developer specializing in React, Express.js, MongoDB, 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

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- GitHub: https://github.com/ngocdai99
- Location: Binh Thanh District, HCM
- Portfolio: https://ngocdai99.github.io/cv/

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, NextJS, 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)

03/2025 – 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

Blog website

05/2024 – 06/2024 | Solo Project | Role: Frontend Developer

Description: A website enables user can sign in, sign up, view, edit, upload, delete blogs.

Tech stack: NextJS, React Bootstrap

Source code: https://github.com/ngocdai99/nextjs-blog

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 (Application)

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

PROJECTS

Furniture (Application)

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

Portfolio Website

06/2024 – 08/2024 | Solo Project | Role: Frontend Developer

Description: A personal website to showcase my profile, experiences, projects, and blog posts. The site features responsive design, smooth animations

Tech stack: ReactJS
Source code: https://github.com/ngocdai99/Portfolio

Ecommerce Shopee Clone (Application)

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 (Application)

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