DƯƠNG GIA BẢO

Software Engineer

- 094.5188.349
- duonggiabao254@gmail.com
- Thu Duc City, Ho Chi Minh, Vietnam
- www.linkedin.com/in/baoduonggia254
- https://github.com/BaoDuong254

Projects

Shoppy

- Developed a modern e-commerce web application using **React.js, TypeScript, and Tailwind CSS.**
- Implemented **React Hook Form** with **Yup** schema validation for robust and user-friendly input management.
- Using **React Router DOM** for navigation, and **i18next** for internationalization.
- Ensured high code quality and maintainability with **Vitest** for testing and **Storybook** for component documentation.
  - **Link** https://github.com/BaoDuong254/shoppy

QR Meal

- Developed a contactless dining platform using **Next.js, React.js, TypeScript, and Tailwind CSS** with **multi-language support** (English/Vietnamese).
- Implemented **real-time communication** using **WebSocket (Socket.io)** for real-time order tracking.
- Designed modern, responsive **UI/UX** with **Shadcn, Lucide icons and dark mode theming.**
- Integrated **JWT authentication** to ensure secure and **role-based access control** across customers, staff, and managers.
- Using **TanStack Query** for server state management and **Zustand** for client state.
  - **Link** https://github.com/BaoDuong254/QRMeal

File Synchronizer

- Developed a file synchronization application using **Electron.js, React.js, and TypeScript** that enables seamless backup to cloud storage services across **Windows, macOS, and Linux** platforms.
- Implemented **OAuth2** authentication and **API integrations** with **Google Drive API** and **Box API** using **Node.js** and **Express.js** backend.
- Supporting **real-time** file synchronization and **auto updates** new version for enhanced user experience.
  - **Link** https://github.com/TickLabVN/file-synchronizer

Education

Ho Chi Minh City University of Technology VietNam National University Ho Chi Minh City   2023 - 2027

Bachelor of Computer Science
GPA: 8.54 / 10

Activities
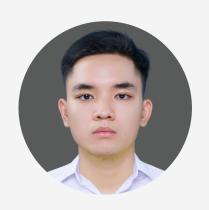
TickLab - Student Organization   2024 - Present
Engineering Member

- **Develop** and maintain **software projects** for the lab's initiatives.
- **Write** and publish **technical articles** to share knowledge and best practices.
- **Collaborate** with **team members** to design and implement solutions**.**

Certification

IELTS Academic 6.0 | Link

Microsoft Office Specialist | Link

About Me

I am pursuing a Computer Science degree at Ho Chi Minh City University of Technology, where I gained strong knowledge in programming, problem-solving, and software development through projects. I aim to contribute to the company, dedicate myself to meaningful work, and keep learning to grow with the team.

Skills Summary

- **Programming languages:**
  - C, C++, JavaScript, TypeScript
- **Frontend development:**
  - HTML5, CSS3, Bootstrap, EJS, Tailwind CSS, React.js, Next.js
- **Backend development:**
  - Node.js, Express.js
- **Desktop development:**
  - Electron.js
- **Database:**
  - MongoDB, MySQL
- **System & Deployment:**
  - Linux, Bash, Docker, Nginx
- **Tool:**
  - Git, Github, LaTex, Postman, Ngrok
- **Soft skills:**
  - Teamwork, Problem solving, Logical thinking

Languages

English

Limited working proficiency

Vietnamese

Native language

PORTFOLIO