# **DƯƠNG GIA BẢO**

# **Software Engineer**

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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 userfriendly 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 <a href="https://github.com/BaoDuong254/shoppy">https://github.com/BaoDuong254/shoppy</a>

#### OR 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 Shadon, 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 <a href="https://github.com/TickLabVN/file-synchronizer">https://github.com/TickLabVN/file-synchronizer</a>

### **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

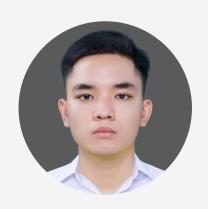
**Engineering Member** 

- **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 | <u>Link</u>

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

### Languages

#### **English**

Limited working proficiency

#### Vietnamese

Native language

