

# Huynh Nhat Hao

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## SUMMARY

I am a student at Ton Duc Thang university. I started learning to code two year ago, I have been very focused on learning front-end and back-end web programming. Now I am very confident that my abilities can meet your requirements.

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## TECHNICAL SKILLS

**Programming Languages:** JavaScript & Typescript, Java

**Frameworks & Platforms:**

- **React.js, Redux, Redux-Toolkit, React-Router, Next.js, Node.js, Express.js**
- CSS, Sass, TailwindCSS, Bootstrap
- Mongoose, Prisma

**Database Management Systems:** PostgreSQL, MS SQL Server, MySQL, Mongo, Redis

**Language:** Aptis (B2)

**Others:**

- Understanding of OOP methodologies, Design Pattern
  - Experience in using Github and Docker, learning basic **service-oriented architecture**. Testing api with Postman
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## PROJECTS

### Management Ordering Restaurant

- **Description:** Web app which supports customer and employee ordering courses and making payments. The chef views orders and enables or disables dishes, and the manager can view invoices and income.
- **Technologies:**
  - **Front-end:** React, Redux, Redux-Toolkit, TailwindCSS
  - **Back-end:** Node.js, Express, MongoDB, Mongoose (ORM)
- **Responsibilities:**
  - Managing state with Redux and calling APIs from the server, building all functions of the front-end such as searching dishes, form validation, basic payment, customer, chef, and manager pages.
  - Implementing basic API gateway, service-oriented architecture, and event-driven calls using Axios
  - Implementing validation with Zod, handling CORS, and building CRUD endpoints such as invoices, products, etc.
  - splitting code, clean code.
- **Link GitHub:** <https://github.com/nhathaohuynh/Food-menu.git>

### E-Commerce

- **Description:** Web app which sells smartphones and allows customers to make payments online. The admin can manage products and invoices.
- **Technologies:**
  - **Front-end:** React, Redux, Redux-Thunk, TailwindCSS
  - **Back-end:** Node.js, Express, PostgreSQL, Prisma (ORM)
- **Responsibilities:**
  - Managing state with Redux and building private and public routes with React-Router.
  - Implementing pagination, product search, cart, payment with Stripe, responsiveness, asynchronous state management with Redux-Thunk, and building admin and shopping pages.
  - splitting code, clean code.
- **Link GitHub:**
  - Front-end: <https://github.com/nhathaohuynh/client-shop>
  - Back-end: <https://github.com/nhathaohuynh/Backend-POS>

## Point Of Sale

- **Description:** Web app which supports store payment by barcode, and managers can manage employees and invoices during shifts.
  - **Technologies:**
    - **Front-end:** React, Redux, Redux-Thunk, Tailwindcss
    - **Back-end:** Node.js, Express, MongoDB, Mongoose (ORM)
  - **Responsibilities:**
    - Managing state with Redux and building private and public routes with React-Router.
    - Implementing pagination, product search by category or barcode, cart, basic payment, responsiveness, asynchronous state management with Redux-Thunk, and building admin and employee pages.
    - Implementing JWT authorization, Joi validation, CORS, RESTful API design, response, and main back-end services
    - Implementing image uploads with Cloudinary and Multer, sending emails with Nodemailer
    - splitting code, clean code.
  - **Link GitHub:** <https://github.com/nhathaohuynh/POS.git>
  - **Link website:** <https://frontend-pos-nhathaohuynh.vercel.app/>
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## EDUCATION

Ton Duc Than University - Software Engineering: 2020 -2024