TRAN NGUYEN KHAI LUAN

Address: Cho Lon Ward, Ho Chi Minh City
Phone: +84 834181239
Email: trannguyenkhailuanqng02@gmail.com
LinkedIn: linkedin.com/in/luân-trần-441b2430a
My Portfolio: https://luke23127006.github.io/Luke-s-Portfolio/

CAREER OBJECTIVE

I aim to become a professional software developer after graduation by joining real projects, building reliable applications, and keeping up with new technologies to improve my skills and gain industry experience. I also want to learn from colleagues and grow through teamwork.

EDUCATION

University of Science – Vietnam National University, Ho Chi Minh City **Sep 2023 - Present**
Bachelor of Science in Information Technology
Expected Graduation: 2027

Le Khiet High School for the Gifted **Sep 2020 - Aug 2023**
Specialized in Informatics
Graduated: 2023

ACHIEVEMENTS

- **Third Prize** - National Olympiad in Informatics. **Mar 2022 & Mar 2023**
- **First Prize** - Central & Central Highlands Olympiad in Informatics. **Mar 2022**
- **Bronze Medal** - Northern Coastal and Delta Olympiad in Informatics. **Aug 2022**
- **Third Prize** - ICPC University-Level Qualification Round. **Oct 2023**

PROJECTS

Auctionary - Online Auction Platform **Oct 2025 - Jan 2026**
React | Express | Typescript | Supabase | Render | Vercel | Resend | Team of 2
A secure C2C auction platform allowing users to place bids, manage products, and receive automated email notifications.
My contribution:
- Implemented secure authentication with JWT and RBAC to manage user permissions.
- Integrated Resend for automated emails (outbid alerts, account verification).
- Developed comprehensive Dashboards for Sellers and Admins.
- Translated Figma designs into pixel perfect React components.
- Deployed separately on Vercel and Render with custom domains.

➜ **Source Code | Live App | Demo Video**

Gas Concentration Alert (Simulation) **Jun 2025 - Aug 2025**
HTML, CSS | JavaScript | Flask | MongoDB | MQTT | Team of 3
An IoT monitoring website that visualizes real-time gas data and triggers alerts for dangerous levels.
My contribution:
- Built front-end and back-end for data display and alert system.
- Designed responsive user interface using Figma.
- Integrated MQTT protocol for device communication.
- Applied Linear Regression for prediction.

➜ **Source Code | Demo Video**

ADDITIONAL INFORMATION

- **Programming Languages:** C++, JavaScript, TypeScript, Java, Python.
- **Technologies:** React, Node.js, Express, PostgreSQL, Supabase, Flask, MongoDB.
- **Tools:** Git, GitHub, Docker, Postman, LaTeX.
- **English:** TOEIC Reading & Listening 800/990 | Speaking & Writing 340/400.