

# NGO TRUNG VINH

## BACKEND DEVELOPER



### SUMMARY

I am a Backend Developer with 4 years of experience in NodeJS, have knowledge in Web Development and Networking.

Constantly learning to improve programming knowledge to develop professional skills and have a passion for learning new languages, and technologies.

### OBJECTIVE

One step a **DAY** toward a **CLEAN CODER**

#### PROFILE

**Fullname:** NGO TRUNG VINH  
**Location:** Viet Nam  
**Gender:** Male

#### CONTACT

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**LinkedIn:** <https://www.linkedin.com/in/henry1907>  
**Portfolio:** <https://v-portfolio-henry.netlify.app>  
**Address:** Ho Chi Minh, Viet Nam

### EDUCATION

CAN THO UNIVERSITY - VIETNAM (Sep 2017 - Sep 2021)

**Major:** Data Communication and Computer Networks

### EXPERIENCE

#### DEVELOPER, LIZAI TECHNOLOGY CORPORATION:

**Position:** Software Engineer (Aug 2023 – May 2025).

##### Main responsibilities:

- **NodeJS team (Microservices Crawler Platform):**
  - Built and maintained a scalable distributed crawler with multiple services communicating via RabbitMQ.
  - Handled large-scale, multi-level data and used AWS Lambda for event-driven processing.
  - Stored processed data in MySQL and indexed key fields in Elasticsearch.
  - Developed RESTful APIs for CMS admins and Python team consumption.
  - Containerized services using Docker and orchestrated with Docker Compose.
- **Python team (AI & Machine Learning):**
  - Extracted data from Excel, CSV files, and images (OCR).
  - Supported training ML models for English translation.
- **.NET team (Data Synchronization):**
  - Built FHIR modules integrating healthcare data via HL7v2.
  - Synced hospital data in real time across MySQL, PostgreSQL, MongoDB, MSSQL using Kafka & Debezium (CDC).
- **Use:** NodeJS, MongoDB, MySQL, PostgreSQL, MSSQL, RabbitMQ, Kafka, Debezium, Docker, S3, MinIO, Elasticsearch, Jira, Bitbucket.

##### Projects:

- Portal CMS: <https://dev-portal.lizai.co>

#### DEVELOPER, TEKNIX TECHNOLOGY CORPORATION:

**Position:** Backend developer (Sep 2022 – Jun 2023).

##### Main responsibilities:

- Build socket server to send and receive data from devices.
- Code API and custom plugins.
- Use some cron-job for logging data.
- Monitor data and build dashboard.
- **Use:** NodeJS, NestJS, Strapi CMS, MongoDB, PostgreSQL, Prisma, Elastic Search, Socket.IO, Docker, AWS S3, Grafana, Jira, GitHub.

##### Projects:

- FM CMS: <https://dev-fe.hoangthelongtto.vn>
- Grafana monitor: <https://grafana.dev-tn.com>

#### DEVELOPER, HAU GIANG AGRICULTURAL SOLUTIONS:

**Position:** Backend Developer (Mar 2022 - Aug 2022).

##### Main responsibilities

- Built and scaled server features to manage IoT farm data (temperature, humidity, light) and supported frontend with auth, search, filter, and pagination.
- **Use:** NodeJS, Express, MongoDB, MQTT, GitLab.

**Projects:** HASU farm: <http://hasufarm.com>

#### DEVELOPER, MAYSOFT CAN THO

**Position:** Intern Developer (Jun 2021 - Oct 2021).

##### Main responsibilities:

- Research APIs/databases, developed front-end, and learned source control tools.