NGO TRUNG VINH
BACKEND DEVELOPER

SUMMARY

I am a Backend Developer with over 4 years of experience in Nodejs, have knowledge in Web Development, Object-Oriented, 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
Religion:	None
Gender:	Male

CONTACT

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Address: Ho Chi Minh, Viet Nam

EDUCATION

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

Data Communication and Computer Networks

EXPERIENCE

DEVELOPER, LIZAI TECHNOLOGY CORPORATION:

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

Main responsibilities:

- **NodeJS team:**
  - 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:**
  - 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, 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.