



## Tô Lâm Sơn – Backend Developer

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Github: <https://github.com/tolamson2811>

### SUMMARY

Final-year Information Technology student with a solid foundation in backend development, particularly in Python and Node.js. Experienced in designing and implementing RESTful APIs and database schemas, I am eager to contribute to high-performance applications and seeking a challenging role in a fast-paced environment where I can leverage my skills and contribute to innovative projects.

### EDUCATION

**University of Engineering and Technology – Vietnam National University, Hanoi**

**Information Technology**

**09/2021 – 12/2024**

Currently conducting research on genetic data analysis at the Computational Science and Engineering Research Department.

### TECHNICAL SKILLS

**Programming Languages:** Python, Javascript & Typescript, C++

**Frameworks/Platforms:**

- FastAPI, Node.js, Express.js
- React.js, Vue.js, Bootstrap, TailwindCSS

**Database Management Systems:** PostgreSQL, MySQL, MongoDB

**Tools:** Docker, Git, Redmine, Notion

**Foreign Languages:** English & Japanese

**Soft Skills:** Teamwork, Communication, Problem-solving

**Others:**

- Has knowledge of OOP methodologies, Data Structure & Algorithm, and SOLID principles.
- Excellent communication and interpersonal skills.
- Basic understanding unit testing and debugging skills.

### WORK EXPERIENCE

**Mumesoft Innovation – Intern Backend Developer**

**04/2024 - Now**

**Project:** Vector (4 members, 2 front-end, 2 back-end)

- Description:** A web app examination system. The system allows agencies to register and co-distribute exams, while corporate clients can subscribe to and conduct exams directly on the platform.

- **Technologies:**
  - Front-end: Typescript, React.js
  - Back-end: Python, FastAPI, PostgreSQL
- **Responsibilities:**
  - Designed and implemented REST API services to ensure efficient communication between the frontend and backend.
  - Designed and implemented the database schema.
  - Actively participated in daily meetings with clients, gathering requirements and ensuring project alignment with their needs.

#### Hub Network – Partime Next.js Developer

10/2023 – 04/2024

**Project:** UniHub (4 members)

- **Description:** A web platform designed to connect student entrepreneurship clubs across universities. Key features include competition organization, online courses, and a dedicated blog for entrepreneurship-related articles.
- **Technologies:** TypeScript, Next.js, Supabase
- **Responsibilities:**
  - Developed user interfaces for the web platform based on Figma designs.
  - Developed and implemented core features according to client requirements, including functionalities for creating competitions, managing courses, and publishing blog posts.
  - Participated in database design and managed the database using Supabase, ensuring data integrity and efficient data storage.

## PERSONAL PROJECT

#### Magic Post – Fullstack Developer

09/2023 – 12/2023

- **Description:** Developed a web application for a logistics company as part of the Web Application Development course at university. The application aims to manage and track shipments between provinces, optimizing delivery routes and improving operational efficiency.
- **Github:** <https://github.com/tolamson2811/MagicPost>
- **Technologies:**
  - Front-end: Vue.js, TailwindCSS
  - Back-end: Node.js, MySQL
- **Responsibilities:**
  - Designed and implemented core features of the delivery management system, including order creation, shipment tracking, and delivery confirmation.
  - Developed modules for managing transaction points, warehouses, and their relationships, ensuring efficient data organization and retrieval.
  - Collaborated with team members to design and implement the database schema, ensuring data integrity and consistency.