

Luong Van Tu

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[GitHub](#)

## SUMMARY

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I'm Software Engineer. I have 1 year experience in Backend & Ops. I'm a person who is passionate about learning new things, especially in the field of technology. I'm a person who is always willing to learn and share knowledge with others.

## SKILLS

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- **Languages:** Javascript, Typescript,....
- **Frameworks:** React, React Native, NextJS, NodeJS, TailwindCSS, Express, NestJS.
- **Databases:** MongoDB, PostgreSQL.
- **DevOps:** CI/CD (Bitbucket Pipeline, Github Action, Jenkins), Docker, Kubernetes, Git, Terraform, NGINX.

## EDUCATION

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University of Science, Vietnam National University Hanoi - Ha Noi, Vietnam      *October 2019 - Present*

Computer and Information Science

## Experience

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### AusVie

#### Logistics - Mobile Developer

*December 2023 - March 2023*

- **Description:** Build a mobile application for staff update information of order (Confirm Booking, Unit Packing,...).
- **Technologies:** React Native, Redux, Camera Vision.
- **Responsibilities:**
  - Create UI from Figma design.
  - Make all screens: Scan QR Pallet, Update Step (Confirm Booking, Unit Packing),...
  - Interact with REST API (form-data, application/json).
  - Manager state application with Redux (Authentication,...).
  - Deploy application to Testflight, App Store Connect.

#### Logistics - Backend Developer

*August 2022 - December 2022*

- **Description:** Build a headless CMS from Strapi (Open source) for logistics company between Australia & Vietnam.

- **Technologies:** Strapi CMS, Bitbucket Pipeline, Docker.
- **Responsibilities:**
  - Develop backend custom Strapi REST API for transit pallet, order...
  - Calculate price of booking and response to user when have request a REST API to server, config CI/CD.
  - Manager roles of system: User, Admin, Staff.
  - Make routes for requests update information of order by staff & send information a quote for user when have booking to email.

## Logistics - DevOps

June 2022 - August 2022

- **Responsibilities:**
  - Config Terraform for deploy to AWS Web Services.
- **Technologies:** Terraform, AWS(EC2, S3 Bucket, VPC, LB,...).
- **Architecture:** Terraform (AWS Web Services)
  - **Source Demo** Basic Terraform demo with AWS Web Services. Use terraform to create VPC, EC2, RDS, S3.
  - **In future:** I will use this demo to apply services advanced (Auto Scaling, ECS .v.v.).

## AusVie (On Job Training) - Backend Developer

February 2022 - June 2022

- **Description:** Learning NestJS and apply to build a backend for a project GraphQL API for ECommerce-site.
- **Technologies:** NestJS, Docker.
- **Database:** MongoDB.
- **Responsibilities:**
  - Develop backend config base project.
  - Learn apply Agile Scrum on Jira.
  - Define authorization JWT for authentication system.

## Rogo Solutions

### Rogo Hotel - Frontend Developer (Collaborator)

April 2022 - Jun 2022

- **Description:**
  - Rogo Hotel App Desktop is a hotel manager booking application for reception. Reception can use book hotel, check-in, check-out for customer. With this application, reception can manage hotel more easily.
  - Mobile App when customer check-in hotel, they can use this app to control device in room, order food.
- **Technologies:**
  - **Frameworks:** ReactJS, Electron, MQTT, NodeJS, Express.
  - **Tools:** Webpack, MQTT Paho Client.
  - **Device:** Desktop (Windows, Linux, MacOS), Mobile (IPad, iPhone).
- **Responsibilities:**
  - Develop desktop application with ElectronJS, ReactJS (Render).
  - Develop mobile application with SwiftUI.
  - Manage book room for hotel.

### CHIP (Connected Home IP) - Research (Collaborator)

December 2021 - Jun 2022

- **Description::** Research protocol Master with CHIP project, build Android application ability add new device to network.

#### **Rogo Partner - Frontend Developer (Intern)**

*March 2020 - Sep 2020*

- **Description:** This is a website for manage sell device of partner Rogo Solutions. Admin can manage partner add new or delete partner.
- **Technologies:**
  - **Frameworks:** Flutter (Dart).
  - **Tools:** Docker.
- **Responsibilities:**
  - Develop website with Flutter web.
  - UI/UX manager partner of Rogo Solutions.

## **ACTIVITIES**

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#### **Build On Vietnam 2021**

*August 2021 - Sep 2021*

- **Description:** Join with Techcombank FACT team to recommend & demo a solution for Techcombank. This application help customer can manage their account, money more easily.
- **Finalist** - Build On Contest [Certificates](#)

#### **HAMIC - HUS Applied Mathematics and Informatics Club**

*June 2021 - Present*

- Head of Design & Development Web
- The organizers of the club's activities, such as: WContest: Web for Education.