**TRAN MANH LONG**

**DEVELOPER**

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| ảnh 4x6 | **CONTACT**  Mobile:  +84  Email: | **SPECIALTIES**  Solution Architect  Developer  DevOps Engineer  Cloud Operation |

**EDUCATION**

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| July 2012 – Jan 2017 | **MILITARY TECHNICAL ACADEMY- MTA**   * Graduated in Information Systems |

**PROFESSIONAL CERTIFICATIONS**

* + Certificate of Luvina academy graduation

**SKILLS**

* + Fluency in English
  + Time Management
  + Team-work
  + Interpersonal and Problem resolving skills

**KNOWLEDGE**

* + Platform: Docker, Kubernetes
  + Languages: Golang, C#, PHP, Java, ASP.Net
  + Databases: MS SQL, MySQL, Oracle, PostgreSQL, DocumentDB, MongoDB
  + Message queue: Redis queue, Rabbit MQ, Kafka
  + Experience building and deploying on a cloud platform using an automated CI / CD pipeline.
  + Requirement Gathering and Analysis**:** Collaborate closely with stakeholders, including clients, managers, and development teams, to thoroughly understand goals and requirements. Prioritize core requirements to align with business objectives.
  + System Architecture Design**:** Develop scalable, modular, and fault-tolerant architectures suitable for large-scale operations. Employ best practices for microservices, APIs, and database optimization.
  + Experience in Developing and Building Network-Based Systems (e.g., Banking, E-Government): P2P
  + Experience in configuring & monitoring different attributes and handling scale up and scale down scenarios for the application in AWS, Google cloud, Vercel.
  + Strong understanding of principles of building architecture on the AWS Cloud.
  + Experience in fields of data modeling, data structures, databases, and ETL processes
  + In-depth understanding of large-scale data sets, including both structured and unstructured data

**EXPERIENCE**

**2023/7 to Now:**

**CÔNG TY CỔ PHẦN GIẢI PHÁP BẢO ĐẢM QUYỀN LỢI NGƯỜI TIÊU**

**DÙNG VÀ VẬN HÀNH KINH DOANH SỐ ESCROW**

***Senior Developer***

* Participate in system analysis and architecture for high-traffic systems
* Participate in API Platform Architecture Design and Deployment on AWS
* Develop microservice APIs integrated with banks: collection, disbursement, and reconciliation with Mbbank
* Develop microservice APIs integrated with payment intermediaries: digital signature, collection, reconciliation with VNPay
* Develop microservice APIs integrated with e-commerce platforms for order payment transactions
* Develop notification system: SMS, email
* Develop and rewrite APIs according to design
* Perform unit testing for APIs as requested
* Support code review
* Provide customer support after go-live
* Support AWS team for project implementation and managed services

***Project Delivery:***

* KEYPAY - national e-commerce system
* ESCROW

***Technology:***

* + Language: Golang, PHP, JAVA
  + Database: PosgrestSQL, Redis
  + Message queue: Redis queue, Kafka, RabbitMQ
  + Config docker build on AWS

**From 2023/06 - 2022/04:**

**SNAPMART INC**

***Senior Developer***

* ***Build and upgrade the payment system***
  + Refactor code using the Factory Method architecture
  + Integrate payment intermediaries: iPay88, PayMaya, GCash
  + Perform unit testing and testing in the UAT environment
  + Monitor and check system logs
* ***Build and upgrade the Notification Management System - NMS***
  + Build and develop new features for the system such as: Campaigns for sending notifications to the system via email, Firebase, SMS
  + Fix system bugs
  + Optimize the system to reduce costs when using Aurora Postgres
* ***Build an NPS feedback evaluation system, Vaccination registration system***
  + Participate in analyzing and understanding Snapmart's requirements
  + Design a database to support dynamic linking of questions and answers
  + Develop a microservice API for mobile
  + Configure and build the microservice with Kubernetes

***Project Delivery:***

* + *NMS, NPS, Payment Landers*

***Technology:***

* + Language: Golang
  + Database: PosgrestSQL, Redis
  + Message queue: Redis queue, RabbitMQ
  + Config docker build on AWS

**From 2022/04 - 2023/06:**

**SOBANHANG**

***Senior Developer***

* + Build and develop microservices integrated with payment intermediaries and banks: NeoPay, HDBank
  + Building a Portal system for partners to order Microsoft products of type CSP, ESD. Automate the process of exchanging correspondence, approving orders, issuing invoices, ordering products manually.

+ Integrate shop and order data with logistics partners.

+ Integrate with Sobanhang's BI system to assess loan eligibility.

+ Build an API system integrated with mobile and web platforms.

***Project Delivery:***

* + *SoBanHang*

***Technology:***

* + Language: Golang
  + Database: PosgrestSQL, Redis
  + Message queue: Redis queue, RabbitMQ
  + Config docker build

**From 2017/04 – 2022/04**

**MIRAWAY**

***Senior Developer/Tech Lead 2021/08-2022/04***

* ***Building a Self-Service System for VPBank***
  + Team Management and Project Planning**:** Manage the team and develop the project plan.
  + Business Requirements Analysis and System Development**:** Participate in analyzing business requirements and building the system.
  + System Design on a Cloud-Centric Model on AWS**:** Design the system using a centralized cloud model on AWS.
  + Integration with Voice Call and Video Call Systems Using Stringee**:** Integrate the voice call and video call system with Stringee.
  + Integration with VPBank's Customer Data Core System (T24): Integrate with the T24 customer data core system of VPBank
  + Face Recognition System Integration and Greeting Customers at Kiosk: Integrate a face recognition system to greet customers when they enter the kiosk area
  + Building a Reporting System: Build the reporting system
  + CI/CD Manual Using Docker for the System (Due to Security and Safety Requirements)

***Project Delivery:***

* + *Self-Service System for VPBank*

***Technology:***

* + Language: Golang, C#
  + Database: DocumentDB, Redis
  + Message queue: Redis queue, RabbitMQ
  + Docker for deploy UAT and Production

***Senior Developer/Tech Lead 2021/01-2022/08***

* ***Building a Centralized-Distributed System for Queueing CETM and Scheduling System***
  + Building and Implementing Systems for Two Partners: MBbank and Viettel Telemor
  + System Analysis and Design to Ensure Functionality in Case of Connectivity Loss
  + Analyze and design the system architecture to ensure that even during network outages, the system can continue to operate locally and then synchronize when the connection is restored
  + Build and develop offline functionality for remote locations, where the system can still perform queueing and scheduling without an internet connection.
  + Build a system for automatic synchronization in case the branch loses connection with the centralized system: customer data, report data, employee KPIs, etc.

***Project Delivery:***

* + *CETM, Booking Online for Mbbank, Viettel Telemor*

***Technology:***

* + Language: Golang, C#
  + Database: DocumentDB, Redis
  + Message queue: Redis queue, RabbitMQ
  + Using PM2 to Manage Processes

***Senior Developer/Tech Lead 2020/01-2022/01***

* **Build and redevelop the CETM queueing system**
* Since the system is deployed on a single low-specification computer to reduce costs, optimization is needed.
* Upgrade and redevelop the backend API of the system
* Upgrade and optimize the CPU for the central system
* Integrate with VietinBank's core system for customer data

***Project Delivery:***

* + *CETM*

***Technology:***

* + Language: Golang, C#
  + Database: MongoDB
* **Develop the Digital Signage system, Qrcode**
* Analyze and design the system
* Build the backend system (BE)
* CI/CD the system on a VPS cloud environment.

***Project Delivery:***

* + *Digital Signage, Qrcode*

***Technology:***

* + Language: Golang
  + Database: MongoDB
  + Data store: Redis
* **Participate in the analysis of the Thanh Cong taxi system**
* Based on the experience of building the Wego24 system, participate in requirement development and propose solutions to enhance the system

***Middle Developer 2017/04 - 2020/01***

* **Develop the Wego24 - Online platform for on-demand hyper local delivery service**
* Backend developer responsible for building APIs for the Wego24 system
* Participate in system analysis and design
* Perform unit testing
* Monitor the system

***Project Delivery:***

* + *Wego24*

***Technology:***

* + Language: Golang
  + Database: RethinkDB
  + Data store: Redis
* **Develop the CETM**
* Develop upgraded features for the system
* Perform unit testing and fix system bugs
* Support deployment

***Project Delivery:***

* + *CETM*

***Technology:***

* + Language: Golang
  + Database: MongoDB
  + Data store: Redis

**From 2016/02 – 2017/02**

**LUNIVA**

***Middle Developer***

* + Maintaining and developing customer management system for ChipOneStop.
  + Investigating and developing converting data to standard data system.
  + Researched new technologies and put forward a case for those most likely to
  + Daily testing of components and fix bug.

***Project Delivery:***

* Japanese Logistics Management System

***Technology***:

* Language: JAVA
* Database: MSSQL

**From 2015/06 – 2016/02**

**SINNOVASOFT SOLUTIONS JOINT STOCK COMPANY**

***JUNIOR Developer - Partime***

* + Develop logic and interfaces according to business requirements
  + Test and fix system bugs
  + Research new technologies.

***Project Delivery:***

* Hotel management system

***Technology***:

* Language: ASP.Net MVC4 + Entity framework
* Database: MSSQL