

# LINH PHAM

.NET Fullstack Developer



**SAIGON TECHNOLOGY**  
YOUR SUCCESS IS OUR MISSION

## OVERVIEW

I am a Software Architect with more than 10 years of experience in software development. I'm skilled in a variety of technologies, including C# (strong), SQL Server (strong), Azure Cloud (strong), Python, Golang, Blockchain, etc., and I've worked on projects in a variety of industries, including healthcare, finance, and e-commerce. I have a strong background in designing and implementing high-performance and secure software systems. In my previous role, I led a team of developers in the successful delivery of a complex software solution that increased efficiency and reduced costs for a major finance provider. I am a lifelong learner and continuously seek to expand my skills and knowledge, including by attending workshops, conferences, and online courses. I have good communication and leadership skills, which enable me to collaborate effectively with stakeholders and manage development teams.

## TECHNICAL PROFICIENCIES

- **Programming Languages:** C#, JavaScript/TypeScript, Go, Python, C++
- **Skills:**
  - **Advanced experience in:**
    - ASP.NET MVC/NET CORE
    - Html, CSS, Javascript/Jquery
    - SQL Server, PostgreSQL, and CosmosDB
    - Entity Framework/Core
    - Agile Scrum
    - Azure Cloud Development and Serverless design
    - Design Scalable systems for databases and Microservice architects.
    - Http/Https, Socket / Websocket
  - **Knowledge in:**
    - C++, MVVM Pattern, Database Design, Three Layers, Java Programming, Cloud Azure, Blockchain, Web3, Python, ETL, and Data Transformation
    - MAUI, Xamarin, I am willing to learn and research deeper about these technology
    - One year of smart contract development with Solidity: build A86 Token and deploy to BSC network
- **Programming Tools:** Visual Studio Code, Microsoft Unit Test, Microsoft Expression Blend, SVN, TFS, and Git

## PROFESSIONAL EXPERIENCE

### **FINTECH** / Software Architecture, Backend Team Lead

2020 – Present, Canada

#### Project description

- TooGood is a project that provides a Financial Services Network. We design applications following microservices approach; all services are managed and deployed on Azure Cloud.
- Working with a team of 70 members.
- We were tasked with building the main product, Web, and some services that support Web and mobile.

- Build tools to backup and restore SQL databases, CosmosDB, GremlinDB

#### Responsibilities

- I joined this project as a software architect and backend team leader. I am responsible for designing the Database and Architecture for the new requirements from my customer and implementing core features.
- Follow the development Team and make sure their implementation meets the design.
- Improve performance for existing databases and services.
- Code review and building the process to improve code quality.
- Join daily meetings to work with BA and Designer in Canada to analyze requirements.

#### Technologies

- C#, .Net framework, Web API, and RESTful for back-end
- Single applications using HTML5, CSS3, JQuery, Linq JS, Angular, and Bootstrap UI for front-end
- MS SQL Server, Azure CosmosDB
- Azure Cloud: CI/CD, App Service, Azure SQL, Logic App, Azure function, Server bus, Queue, Storage, API Management
- Data Transformation (ETL): Azure Data Factory

### **HEALTH CARE SYSTEM**, Senior Developer - Project Team Lead 2019–2020, *Australia*

#### Project description

- This is a survey system for Healthcare services in Australia. We design applications following microservices approach; all services are managed and deployed on Amazon Web Services (AWS)
- Work on a team of 20 members
- The project focuses on data security; we propose a method for masking and encrypting sensitive patient data.

#### Responsibilities

- Work with the project owner in Australia to get the requirements and integrate the features to deliver for clients.
- Design schemas for databases and build data encryption for SQL Server.
- Review code and work closely with the developer team to improve and control code quality.

#### Technologies

- .NET Core 3.1, Android Java, IOS Objective-C
- Microsoft SQL Database
- Amazon Cloud: EC2, S3, RDS, SNS queue
- Firebase
- Jenkins (CI/CD)

## **AUTO SERVER SYSTEM / Project Team Leader**

2017–2019, Japan

### Project description

- Auto Server System is a big project from Japan. The main business is supporting Car/ and motorcycle bidding at more than 250 auctions in Japan, and it also supports connecting more than 8000 car stores in Japan to buy and sell cars.
- Work on team of 12 members
- Mainly focus on building a solution to get raw data from Auctions Storage and import to SQL server
- The project deployed to on-premise servers : Web App, Mobile App, Background Services

### Responsibilities

- I have joined the project for nearly 3 years and worked as project team leader in the VietNam Office. I am in charge of designing systems and solving technical problems as requested by the Japanese side.
- Design database to track the status of background services
- Improve performance for existing databases

### Technologies

- Window Service, Console App, ASP.NET MVC / Web Api, Xamarin, Web Socket, Html, CSS, Javascript/Jquery
- On-premise servers: Public Zone (End user) and Private Zone (backend services)
- We use multiple data centers in Japan to store car images. In every single data center, we have about 20–25 servers.

## **GPS SYSTEM TRACKING SYSTEM / Technical Lead**

2016–2017, Malaysia

### Project description

- This project comes from Malaysia and includes a GPS Server and Tracking Website for tracking cars and motorcycles when they go out using the attached tracking devices (GPS device and fuel sensor).
- Work on a team of eight members.
- Build web and mobile tracking apps.

### Responsibilities

- I joined this project for nearly 2 years in a technical lead role to support technical design and build system architecture.
- Build core features to integrate with GPS devices
- Work with clients to clarify the requirements.
- Work with the development team to deliver projects to clients.

### Technologies

- Asp Net MVC, KendoUI
- SQL server, PostgreSQL
- Socket Tcp/Ip server

## **KURTULUS / Developer**

2015–2016, Turkey

### Responsibilities

- Kurtulus is a project from Turkey that helps protect a local law firm's customer data copyright with an electronic signature device that is protected by the government. The project runs on Web and mobile.
- I worked on this project as a developer and implemented requests from the product owner.

Technologies: ASP.NET MVC/Web API, MSSQL, HTML, CSS, Javascript/Jquery, Android (Java).

## **TELEVISION ADVERTISEMENT MANAGEMENT SYSTEM / Developer**

2014–2015, Vietnam

### Responsibilities

- The main income of the stations in Vietnam today mostly comes from advertising, so many stations need a complete system to manage advertising effectively. Clients using this system are: SCTV, YEAH1TV, and HTV.
- I worked on this project as a developer and implemented requests from the line manager.

Technologies: Window Form, WCF, MSSQL

## **HAL PFG - SSP (Smart String Plus) / Developer**

2013–2014, USA

### Responsibilities

- PFG (Smart String Plus) is an application for preparing the design for well completion. Users can select and combine a variety of equipment to create a completion string schematic. The application is easy to use because it has a user-friendly graphic design. Reports with graphical outputs can also be created with several paper size options. This application is extremely helpful for the sales team at Halliburton. Thousands of Halliburton salesmen across the globe are using this software to fulfill their jobs.
- Implement the requests from the product owner and execute code reviews for team members.

Technologies: WPF (MVVM Pattern), WCF.

## **CERTIFICATION**

S

**Microsoft Azure Developer Associate Certificate - AZ 204**  
**Designing Microsoft Azure Infrastructure Solutions - AZ 305**  
**Microsoft Azure Administrator Certificate - AZ 104**  
**Microsoft Azure Solutions Architect Expert Certificate**

## **AWARDS**

**Staff of the year 2022**