HUỲNH CẨM TUẤN
Team-Lead Backend

Address: 1st Floor, 362/1 Tran Phu, Ward 7, District 5, HCMC

Phone: **0347431015**

Email: **huynhcamtuan1995@gmail.com**

Website: **https://tuanhuynhit.dev**

Github: **github.com/huynhcamtuan1995**

Skype: **huynhcamtuan1995@outlook.com**

LinkedIn: **www.linkedin.com/in/tuan-huynh-24b259161**

Telegram: **@tuanhuynh95**

SUMMARY

- I am a software developer for 5+ years (3.5+ years .NET stack, almost 2 years Fullstack, 2.5+ years JS stack), skilled in .NET, Javascript, Node.js, MSSQL, MongoDB, PostgreSQL, React, Angular 2+, TypeScript, and Smart Contracts, etc....

- Starting mid-2017, after graduating, I started working at a travel agency, working with web products and system services, integrating 3rd party systems such as payment gateways, hotels, airlines, and vexere in service systems.

- Starting end of 2020, Then have the opportunity to challenge the field of financial companies, this job is closely related to the customer's loan application system, the terminals connected to the payment system.

- Starting early 2022, having the opportunity to join in field of payment gateway services, banking industry, and integrate merchants and Payment Service Providers (PSP).

- My passion is programming, I improve myself every day by learning deep and hard technologies, Design Patterns, OOP, software design, planning time, and testing skills to become *Technical Architech* before 35yo.

- Also wanna become a blogger/ YouTuber/ an expert to share my IT knownledge/ skills with everyone.

SKILLS

Backend	.NET C# - NodeJs, ExpressJs - Architecture Design - Smart contract (Solidity)
Frontend	- HTML5/CSS3/Using (libraries, frameworks UIkit, TailwindCSS, Material UI, Bootstrap) - Javascript, jQuery library - AngularJs, Angular 2+, React TypeScript
Database	MSSQL, PostgreSQL, MongoDb
Other stack	- Redis (Cache, RedLock, Events) - Cloud services integration: Amazon (AWS S3) / Google Cloud (App Engine/Vision OCR/Firebase FCM/Sheets APIs)

- Message Queue (Rabbit MQ, Kafka)
- Kafka connects CDC (debezium)
- Github Action / Gitlab CICD

EDUCATION

Gia Định University

Information Technology / Software engineering
Degree classification:Good
Mode of Study: Full-time

WORK EXPERIENCE

Galaxy Pay.   Mar 2022 – Present

Company of Sovico Group with the mission of providing strategic consulting solutions, developing digital transformation projects of member companies and operating new technology projects.

Backend Developer

- Main develop (build, maintain, develop, optimize, and fix errors) service gateway that integrate payment system providers (Napas, MPGS, MoMo, 2C2P…) ensure result reply to sender services.
- Participate in developing, refactoring the payment transaction service system.
- Participate in migrating some old internal service to new ones.
- Participate with Tech-Lead and DevOps in improving the logs system for tracing, logging history, monitoring user's transactions.
- Participate with QC in creating automation test scripts to functional test, stress test, performance test.
- Main develop, mentoring junior-level teammate in task payment secure page (FE, BE) integrate other service gateway.

VietCredit Finance Company.   Nov 2020 – Feb 2022

VietCredit Finance Joint Stock Company is allowed to execute the activities and the rights of the General Financial Company, according to financial laws and the permission of the State Bank of Vietnam. The company runs the activities such as capital mobility, granting of credit and loans, and other activities.

Backend Developer

- Participate in developing (build, maintain, develop, optimize, fix errors, and SEO) website VietCredit.
- Integrated payment gateway MoMo (PGP encryption) into the payment system.
- Participate in enhancing the payment service system.
- Integrated batch files payment (reconcile end of day payment) Payoo, VNPost.
- Participate in developing service gateways with multithreaded, concurrency queue processing solutions.
- Integrated E-Contract service to the customer system.
- Integrated 3rd party services (OCR, eKyc...) into the Loan application system.
- Participate in developing Auto Tools to reduce the user's activities.
- Participate in building management application window print the Loan card.

Freelance & Side Project.

As a developer, I always find the chance to learn new technical and work part-time to gain experience and improve myself everday.

Fullstack Developer

Team Blockchain: 2021 - Present

- Research, find the solution to resolve the issues with teammates.
- Build backend services, modules provide Project.
- Enhance, fix, and improve project performance.
- Use Web3 Js / Ethers Js to integrate blockchain smart contract.
- Develop blockchain smart contract.
- Build service to handle business logic and integrate blockchain smart contract through 3rd RPC node.

Team Web: Dec 2019 - 2020

- Setup structure for starting Project.
- Build backend services and frontend view, modules provide Project.
- Research, find the solution to resolve the issues with teammates.
- Enhance, fix, and improve project performance.

TMG & iVIVU. Jun 2017 - Jun 2020

iVIVU.com is a member of the TMG Vietnam Group with more than 20 years of experience in the field of Tourism - Hospitality.Vietnam's Leading Online Travel Agency Channel 2021.

Fullstack Developer

Team TMG:

- Build (build, maintain, develop, optimize, fix bug, SEO) tourism product website applications of TMG.
- Participate in developing some internal management web
- applications. Integrated OnePay payment gateway.

Team iVIVU:

- Participate in developing backend services.
- Build web applications retrieve itinerary, select seats, and book tickets online.
- Integrated MoMo payment gateway.
- Integrated APIs Vexere and Airlines.
- Build IvivuFood management web application.
- Build REST APIs for mobile application, service web.

TPC Online Corp Nov 2015 - Dec 2016

Game online company was produced and released a lot of famous games on zingplay platform.

Tester game, QC

- Test case and game to ensure the quality of the product.
- Make a Test case for testing.

PROJECTS HIGHLIGHT

GalaxyPay Payment Secure Page

- **Description**: Payment gateway support payment methods a variety modern payment providers include national and international. Ensure easy pay for customers
- **Responsibilities**: Main develop, and mentoring junior-level teammate for integrate internal system connect with payment gateway systems.
- **Result**: Highly Available, Secure PaymentGateway service provide to merchant business.
- **TechStack**: Node ExpressJs, Material Design, JQuery, Redis Cache, SocketIO.

GalaxyPay Payment provider services

- **Description**: Integrate, coupling internal services with provider systems include query, pay, refund from sender services to PSP.
- **Responsibilities**: Normalize request data and response data from sender services to PSP. Ensure transaction status consistent result reply to integrated systems.
- **Result**: Migrating, refactoring successful some old integrate services to new ones. Highly Available, stable connect to PSP.
- **TechStack**: .NET C#, Redis (cache, events, Redis RedLock, Kafka, PostgreSQL.

VietCredit Payment services

- **Description**: Payment gateway has repositories to check rules and process the payment on-site (include payment off-side) before post to payment core.
- **Responsibilities**: Participate in enhancing and developing the payment service in line with business requirements.
- **Results**: Eazy to adapt payment service in line with business requirements.
- **TechStack**: .NET C#, Redis cache, Rabbit MQ, MSSQL.

E-Contract gateway

- **Description**: Customers can sign contracts on the VietCredit mobile app through the gateway.
- **Responsibilities**: Integrate third-party e-contract solutions to current customer system services.
- **Results**: Replacing the traditional paper one in specified regions.
- **TechStack**: .NET C#, Redis cache, Rabbit MQ, Oracle SQL.

NFT Gofox MarketPlace

- **Description**: MarketPlace for customers can mint and sell their NFT token get a reward, and airdrop owner coin on the website to the ETH networks.
- **Responsibilities**: Main develop Solidity SmartContract in line with business requirements and deploy it to Ethereum and BSC platform. Main develop BE, integrate BE with SmartContract. Participate in developing FE features.
- **Results**: Community's users can mint, trade the NFT, get a reward, and airdrop owner coin on the website to the blockchain from our marketplace.
- **TechStack**: Node ExpressJs, React Typescript, Redis cache, Solidity, MongoDb.

iVIVU Foods

- **Description**: iVIVU food booking service allows customers can booking their lunches and dinners, to calculate materials based on customer bookings.
- **Responsibilities**: Participate in developing BE APIs business service and FE UI features.
- **Results**: Managed materials base on customer bookings materials base on customer bookings.
- **TechStack**: .NET C#, Angular 6, Ant design, MSSQL.

iVIVU booking Airline tickets

- **Description**: iVIVU booking airline tickets provide for customers easily to search and book tickets.
- **Responsibilities**: Participate in updating, maintaining BE business APIs, develop FE UI features.
- **Results**: Replacing the old booking airline tickets project. Integrated Airlines APIs to service core functionality.
- **TechStack**: .NET C#, Angular 8, Bootstrap 4, MSSQL.

iVIVU combo coach & hotels

- **Description**: iVIVU booking combo coach and hotel provide for internal staff easily to searching and booking combo.
- **Responsibilities**: iVIVU booking combo coach and hotel provide for internal staff easily to searching and booking combo. Dont need to login to Vexere portal do isolate booking coachs.
- **Results**: Intuitive for user create combo booking hotels and coachs in same services, reduce complexing booking coach step.
- **TechStack**: .NET C#, AngularJs, Bootstrap 3, MSSQL.

Agency service

- **Description**: The service manages agency booking allotments, booking prices, booking rooms, managing booking, rooms, allotments of agency by group contract periods.
- **Responsibilities**: Participate in developing BE in line with business logic.
- **Results**: Agency can searching, booking rooms, extend contract offer online.
- **TechStack**: PHP, Bootstrap 3, MySQL, Nginx.

Website Victoria hotels, Emeraude cruises, Hai Au aviation

- **Description**: Website listing services and allowing customers to reserve bookings, administrator site for admin can easy to manage content.
- **Responsibilities**: Participate in developing the whole cycle life of website, start analyzing business, designing database, build BE and FE.
- **Results**: Successfully deployed to user nice product, have good feedback from customers, can reserve booking online, can booking offers. The administrator can easily manage content.
- **TechStack**: PHP, Bootstrap 3, MySQL, Nginx, JQuery, UIkit 2.