



HUỠNH CẨM TUẦN

Technical Lead Backend

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SUMMARY

- 6 years as Software Engineer / Web Developer, with 5+ years exp in .Net, under 2.5 years exp in NodeJS, including 2+ years exp in Full-stack.
- Have expertise implementing high-level design systems in microservice architecture.
- Good analysis thinking, and problem revolving, focusing on product quality.
- Good at collaborate in teamwork and individual work, communication skills, and mentoring abilities.
- My passion is programming, highly interested in system architecture, improve myself every day by learning deep and hard technical skills to become a *Technical Architect* before 35yo.

SKILLS

Programming Languages / Frameworks:

- .NET C# stack, NodeJS (ExpressJS).
- Implementing concepts in MSA with good fundamental knowledge about 3rd provided services:
 - Message queue (Rabbit MQ, Kafka).
 - Dapr.
 - Distributed tracing-logging OpenTelemetry (Grafana).
 - Redis (Caching, Keyspace events, Distributed lock).
- Clouds: AWS.
- Strong experiences in FE like HTML5/CSS3, and CSS Preprocessor SCSS/SASS.
- Few experience in TypeScript, React, Angular.

Database Management Systems:

- PostgreSQL, MSSQL.

Others:

- Fundamental knowledge in MSA.
- Good at collaborative teamwork, resolving blocking problems with other teams;
Team setup skills: Postman scripts, flows, mock server...
Also good at individual work.
- Resolving problem troubling, analyzing thinking skills.

EDUCATION

Gia Định University

Information Technology / Software engineering

Sep 2013 - May 2017

ACHIEVEMENT

Outstanding Project in 2022

Feb 2022 - Sep 2022

<https://tuanhuynhit.dev/#achievement>

By 2022, become one of the team's key-member, and has released a fully functional payment gateway service that connects varieties payment channels in almost under 5 months. The service has been successfully integrated with VietJetAir (VJA) and is meeting VJA's numerous and extensive payment needs. The payment value through the service reached over 300b VND per month.

WORK EXPERIENCE

ITL Corp – VELA

Apr 2023 – Jan 2024

Technical Project Leader

Responsibilities:

- R&D making technical solution decisions, resolving disruptions, and blocking related to technical.
- Implement **Dapr** in MSA; Supports development squad parallel teamwork as well, flexible integrate message broker.
- Implement **Grafana** (Tempo/Loki/Metrics) to provide tracking request/monitor services..
- Resolving blocking problems with other teams; Raise issues, and report to PM.
- Develop and maintain Code-base, implement DRY principle.
- Write coding conventions documents & related technical documents; Source code control quality, keeping clean code.

TechStack: .NET C#, Dapr, MySQL, Redis, Kafka, K8s, Grafana Distributed Trace/Log.

Galaxy Pay

Mar 2022 – Mar 2023

Software Engineering

Responsibilities:

- Participate in R&D architecture; Migrating monolithic to scalable MSA.
- Designing, and implementing concepts of high-level design architecture, and code-base framework.
- Mainly integrate PSP hub (Napas, MoMo, 2C2P, MPGs, CyberSource, etc...) into services.
- Participate with other teams supporting tasks to improve, and secure data, log, trace, monitor, reach PCI DSS certificate, test-stage.
- Mentor junior-mate on web page, guide colleagues to resolve solutions, and meet deadline tasks on estimated time.

Projects: Payment aggregators service.

Achieved: Migrating, refactoring successfully. Highly Available, stable aggregate PSP systems. Outstanding project, the payment value through the service reached over 300b VND per month.

TechStack: .NET C#, Node ExpressJS, PostgreSQL, Redis (Cache, Keyspace events, RedLock), Kafka, SocketIO, AWS, Grafana Distributed Trace/Log.

VietCredit Finance Company

Nov 2020 – Feb 2022

Backend Developer

Responsibilities:

- Improving, maintaining transactions service (which layer applies business validate transactions); Saving new featuring cost Enterprise core.
- Build auto-reconcile payment module; Eliminate daily manual accounting transaction commitment and reconciliation.
- Integrate offline/online PSP system; Expand Payment methods via Providers. (Personal implementation applies multiple-threads process concurrency to improve efficiency while maintaining accuracy).
- Participate in developing, maintaining the customer service modules.
- Integrated 3rd service E-Contract solution to the customer-services layer; Replace old the traditional paper one.
- Integrated 3rd OCR services (GoogleVision/AzureOCR) into the system in a short time of alpha-

- test-phrase; Testing effectively of 3rd services to reduce redundancy input data.
- Apply (Semaphore, Multiple-threads) to limit concurrency amount of SMS messages sent; Prevent networks aren't throttled at that time.
 - Build auto-tools to do some repetitive tasks; Reduce daily redundancy of user's actions.
 - Building the win-application that manages physical Loan cards; Saving a huge of cost for new applications from 3rd outsource providers.

Projects: Payment services layer, Customer services layer.

TechStack: .NET C#, MSSQL, AngularJS, Redis cache, RabbitMQ, Selenium, AWS.

Freelance & Side Project

Dec 2019 – 2022

FullStack Developer

Team Blockchain: 2021 - 2022

Responsibilities:

- R&D off-chain backend (sync distribute, integrate RPC node).
- Mainly R&D Smart contract by Solidity, integrated RPC Web3, DApp.
- Build an extension for the project that extends a lightweight library named "MongoDB Entities".
<https://github.com/huynhcamtuan1995/ExtendMongoDBEntities>
- Participate in developing a page FE web page.

Projects: NFT Gofox MarketPlace webapp.

TechStack: Solidity SmartContract, Node ExpressJS, Redis cache, MongoDB, ReactTS, GCP, etc....

Team Web: Dec 2019 - 2020

- Resolve problems that store data on Google Sheets for only View – Export Excel data; Saving 55% development time and cost.
- Migrating from traditional SSR page to SPA; Improve 28% performance, segregate FE & BE for horizontal scaling.
- Apply (Semaphore, CountdownEvent, Multiple-threads) to migrate (download and upload) documents from Cloud to DataCentral; Saving a lot of costs.

Projects: Movie web app, Buy & sell Apartment web app.

TechStack: PHP (Joomla, Laravel), MySql, JQuery, Bootstrap, Angular, Nginx, AWS.

TMG & iVIVU

Jun 2017 - Jun 2020

FullStack Developer

Team TMG:

Responsibilities:

- Developing and maintaining the whole cycle life of web app products.
- Build high-customize modules shared web app products; Saving development time by reusing built modules.

Projects: Web app Victoria Hotels, Emeraude Cruises, Hai Au Aviation.

TechStack: PHP (Joomla), MySQL, JQuery, Bootstrap, UIKit, Nginx.

Team iVIVU:

Responsibilities:

- Integrate VeXeRe APIs into Ivivu portal, build FE UI; Staff can do combo-transfer booking from Ivivu portal.
- Participate in developing new Booking flight web app; Replace old traditional SSR page to SPA for improved performance.

Projects: iVIVU combo coach & hotels webapp.

TechStack: .NET C#, MSSQL, AngularJS, Angular 2+, Bootstrap, Material-UI.