

PHAM TIEN NAM

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Objectives

- With self-study and share anything I know, I want to be Software Architecture in the future.
- I am interested in Microservices, Event-Driven, Containerize, and Cloud-Native.

Skills Summary

- Languages: I can work with Javascript, Typescript, Java, C#, Python.
- Frameworks: I am familiar with Express/Nest (NodeJS), Spring Boot (Java), Flask/FastAPI (Python). Besides, I can work well with .NET Framework or learn something new.
- Tools: I am familiar with VS Code, JetBrains IDE, Eclipse... I often use it with VIM mode.
- Database: Postgres, MySQL, MongoDB, Firebase Realtime.
- Other skills: Linux, Docker.

Now, I am focusing on Microservices, and Domain Driven Design. Sometimes, I write a lot of my technology posts at Viblo.asia [\[Link\]](#).

Education

Military Technical Academy (Graduated)

- Bachelor's Degree: Computer Software
- GPA: 3.16/4

Experience

Unstatic

Backend developer | Feb 2021 – Present

- Build core features for Habitify mobile app – which is a leading mobile application for building habit tracker in Appstore and CH Play with over 1.7 million users – such as Payment, Affiliate System, Single Sign-On, Notification System.
- Optimize system for million users based on Google Cloud. We are using Cloud Task, Cloud Scheduler, Cloud Functions, Firebase Realtime Database, Firestore.

- Design database structure and develop the system for Summerian – a free reading app. My role in the Summerian team is syncing the raw data from the CMS tool to the computed data that are read from clients. Also, like Habitify, I build a notification system that run daily, a payment system that is integrated with Google Play and Apple to verify the purchase and upgrade the premium users.
- Develop API for external users who want to use their data to develop their custom application.
- In Unstatic, I use NodeJS with Typescript and Express framework to develop all cloud functions.

AI Academy Viet Nam

Full-stack developer | Feb 2019 – Aug 2020

- Build a client system for analyzing all data, creating effective customize dashboards for sales staff. Based on the daily data of sales of Minh Phu Seafood Corp, we collect the data and build the aggregation table based on their custom business. And we create multiple material views for querying data and showing it to the web client.
- Build a system for collecting all news on specific websites – that can be config just-in-time. We use the NLP system to shorting all news and marking its points. And show to the client based on the user's role.
- Sometimes, I communicate with the customer for their requirements, analyze, and split them out into smaller tasks for my team.
- We use Angular 9, Flask API, Python, Postgres, Neo4j, MongoDB for developing the system.

Boot.AI

Part-time developer | Jun 2018 – Feb 2019

- First time I had a job, in Boot.AI, my role is a part-time front-end developer. I use Angular for my work.
- Build the web client for an AI system that predicts which colors are painted on the car.

Freelancer

Full-stack developer | Jun 2018 – Present

- As a freelancer developer, sometimes I build the products for my customers.
- Particularly, I build the e-commerce website for Cadosa to sell agricultural products such as fruits and vegetables. Otherwise, in the Cadosa system, I build the referral system with the commissions for the users based on the customer's business model. Check it out: [\[Link\]](#).
- With NodeJS, I integrate with third parties such as Ngan Luong for payment, Ahamove and Giaohangtiethiem for creating the shipping orders.
- With some other projects, but with my customers secret, I won't tell here.

Awards and Acknowledgements

Third prize in the University ACM/ICPC | 4 years scholarship

With the University ACM/ICPC, I don't prepare a lot. With my friend's invitation, I registered it and achieved third prize. At that time, it was not important thing but now, I think I can do it better. In university time, I was not focusing all times on learning all subjects. But all math subjects and programming subjects, I tried to achieve the best score. I think it'll help me in the future.