

# Phạm Minh Khoa

(Khoa MinHi)

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## Summary & Skills

### Back-end:

- **Nodejs: Expressjs**, Moleculer
- Some programming languages I used: Javascript, PHP, C#, Python, Java, Lua, C++, C, MIPS
- I used to use a little few frameworks and libraries: .Net core, Spring boot, Pandas, NumPy

### Front-end:

- Javascript, HTML, CSS; Bootstrap, Figma; Vuejs, JQuery, PHP

### Database:

- **SQL**: SQL Server, Oracle, MySQL, PostgreSQL; **NoSQL**: MongoDB, Redis, Cassandra, Neo4j

### Other:

- **Git**, **MVC Model**; **UML**: Class, Use case, Activity, Sequence; **ERD**; Tool: VS Code, Visual Studio, Eclipse, Enterprise Architect, Postman, Enterprise Architect...; Reading English, Working team

### Link:

- Facebook: <https://fb.com/khoaminhi> Github.io: <https://khoaminhi.github.io/my-html-css-cv>

## Experiences

### VNVC.VN Project

VNUHCM - University of Science                      Members: 4                      May 2022 - Jun 2022 (2 months)

Technologies: Nodejs(Expressjs, Passportjs...), Redis, MongoDB

Responsibilities:

- Login and log out with **Passportjs. Use Redis to store the user information session.**
- Manage region-province to get the corresponding region which is contained in **Redis** that provide data faster than.
- Design a good MongoDB and Redis schema structure.

Link: <https://github.com/KhoaMinHi/mdm-vnvc.vn-project>

### Online shopping project

VNUHCM - University of Science                      Members: 3                      May 2022 - Jun 2022 (2 months)

Technologies: Nodejs(**moleculer-microservice**), mysql, php, rabbitmq, javascript, bootstrap

Responsibilities:

- Use Moleculer framework to build **API gateway** and other services; integrate Rabbitmq (Message Broker) into; Load balancing, Circuit Breaker. Implementation of one-way notification (**asynchronous**).
- Get API to login, logout which uses the **session in PHP; register by email**
- Create a front-end app server by PHP. Handle interface with bootstrap

Link: <https://github.com/KhoaMinHi/moleculer-distributed-system-udpt-project>

### Book Store Project

VNUHCM - University of Science                      Members: 3                      Dec 2021 - Jan 2022 (2 months)

Technologies: **Nodejs**(Expressjs...), PostgreSQL, Heroku

Responsibilities:

- Handle Cart: generate session, modify cart's product using JQuery ajax. Add a comment by Ajax. **Register by email.**

Link:

- Demo: <https://drive.google.com/file/d/1R8Fci0eCh3xYodQjHPqUxevWDCD0zvp8/view>
- Deploy: <https://webbansachclient2022.herokuapp.com/>
- Github: <https://github.com/PTUD-WEB/client>

## UK Accident Statistics - BI

VNUHCM - University of Science                      Members: 4                      Nov 2021 - Jan 2022 (3 months)

Technologies: **Data Warehouse**, SQL Server, Visual Studio, **SSIS, SSAS, MS Power BI...**

Responsibilities:

- Flat -> Source -> NDS -> DDS -> Visualize
- Learning about analysing, filtering, cleaning, loading, transforming, extracting, designing and visualizing data.

Link: <https://drive.google.com/drive/folders/1pT74M1IMfGNk8t1p2xdgK-jWdjumCeR?usp=sharing>

## Hiring go to supermarket project

VNUHCM - University of Science                      Members: 4                      Dec 2021 - Jan 2022 (2 months)

Technologies: C# (.net core), Java(spring boot), Vuejs, **Bing Map API**

Responsibilities:

- Create **API** using .net core, spring boot. Get response data and render it to the browser by **Vuejs**.
- Use java to fetch Bing Map API to calculate the minimum of the distances between the store and some shippers.

Link: [https://github.com/KhoaMinHi/InfoSysDevProject\\_Semeter7\\_API\\_C-Java](https://github.com/KhoaMinHi/InfoSysDevProject_Semeter7_API_C-Java)

## Others student projects

VNUHCM - University of Science                      Jan 2021 - Jun 2022 (1 year 6 months)

- **Recommendation System: Item-based CF, Matrix Factorization. Python**, Pandas, Numpy, GG Colab...

- Information systems analysis and design: Information Technology Center. Use **UML; give requirements then analyze and design system**.

- Computer Architecture & Assembly Language: BigInt (C), Quick Sort (MIPS 32)

- **Information Systems Security**: Build a winform app, Authorization, Authenticating, Encrypting, decrypting on Oracle DB.

- Advanced Database Management System: **Transaction**, Winform

## Educations



### VNUHCM - University of Science

Bachelor's degree, Information Technology Aug 2018 - Jul 2022

## Activites & Hobbies

**Activities and societies:** Dem am (Warm night activity)...

**Hobbies:** Football...