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 andvisualizing data.

Link: https://drive.google.com/drive/folders/1pT74M1IMfGNk8tI1p2xdgK-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

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…