

Khoa MinHi



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Summary

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, Github, Heroku, 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>

Experience



Student

VNUHCM - University of Science

Aug 2018 - Jul 2022 (4 years)

Learning Information System from Information Technology



VNVC.VN Project

VNUHCM - University of Science

May 2022 - Jun 2022 (2 months)

Members: 4

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.



Online shopping project

VNUHCM - University of Science

May 2022 - Jun 2022 (2 months)

Members: 3

Technologies: Nodejs(moleculer), 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



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 schema.
- 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



Book Store Project

VNUHCM - University of Science

Dec 2021 - Jan 2022 (2 months)

Members: 3

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.



UK Accident Statistics - BI

VNUHCM - University of Science

Nov 2021 - Jan 2022 (3 months)

Members: 4

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.



Hiring go to supermarket project

VNUHCM - University of Science

Dec 2021 - 2022 (1 year 1 month)

Members: 7

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.

Education



VNUHCM - University of Science

Bachelor's degree, Information Technology

Aug 2018 - Jul 2022

Skills

UML (class, use-case, activity, sequence) • ERD • Nodejs • NoSQL • SQL • Expressjs • PHP • JavaScript • .NET Core • Spring Boot