PHAM VAN HAU

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EDUCATION

Major: Software Engineering of Industrial University of Ho Chi Minh City   *Oct 2020 - Dec 2024*

TECHNICAL SKILLS

Skills:	Java, Node.js, HTML, CSS, JavaScript, React.js
Frameworks:	Express.js, Spring boot, Bootstrap, jQuery
Database:	SQL Server, MongoDB, MySQL
Tool:	Postman, Git, Docker
Other knowledge:	RESTful, Microservices Architecture, AWS Web Services(EC2, S3, DynamoDB)

SOFT SKILLS

Communication, teamwork, problem-solving, adaptability to the working environment, creative thinking, quick learning, and flexibility

COURSE PROJECTS

– API - GenChat   *March 2024 - Present*

Back End Developer

Resources: https://github.com/longsoisuaxe1a/node.js-mongodb-api-genchat

- This project focuses on developing an API using Node.js combined with MongoDB database to build a complete chat system called GenChat.
- Techstack: Node.js, MongoDB, S3, Socket.

– Book Store Management   *February 2024 - Present*

Back End Developer

Resources: https://github.com/longsoisuaxe1a/Management_BookStore_Microservice

- The project is a microservices system developed with Spring Boot to efficiently manage bookstore operations.
- The project utilizes technologies such as *Redis* for caching, *API Gateway* for managing API entry points, *Discovery* for service discovery, *Retry* for handling failed requests, *Rate Limiter* for limiting request rates into the system. Additionally, it employs *JWT* authentication for login and registration, token management, and authentication.
- Techstack: *Java, SQL Server, Docker, Redis, Spring boot, Postman.*

– Salary Product Management　　　　　　　　　　　*August 2023 - December 2023*

Full Stack Developer

Resources: https://github.com/longsoisuaxe1a/ptud-salary-product-management

- Project is a desktop application developed in Java, utilizing the javax.swing library to create an intuitive and user-friendly graphical user interface (GUI). The project aims to provide software that facilitates efficient management of products and salaries for businesses.
- The project provides the following functionalities:
  - Employee Management: Adding, deleting, and editing employee information, as well as task assignment.
  - Product Management: Adding, deleting, and editing product information, including suppliers.
  - Inventory Management: Categorizing products and managing stock levels.
  - Attendance Tracking: Recording employee working hours.
  - Payroll Management: Calculating and analyzing employee salaries.
  - Product Statistics: Analyzing sales and inventory data.
  - All these functions aim to help businesses manage faster and store data efficiently.
- Techstack: *Java, SQL Server, javax.swing, JDBC.*

– CRUD - AWS

Back End Developer

Resources: https://github.com/longsoisuaxe1a/connect-node.js-AWS-CRUD

- Developed using Node.js to execute CRUD operations on the database. It uses Amazon Web Services (AWS) for data storage and management services.
- Storing and managing data in the cloud optimizes applications by providing scalability, high availability, security, cost efficiency, and easy integration.
- Techstack: *Node.js, DynamoDB, S3, Postman.*

EXTRACURRICULAR ACTIVITIES

I volunteered with the Programming Club at IUH, where I helped students from the 17th Information Technology cohort grasp fundamental programming concepts, enriching their learning journey. Additionally, I actively participated in aiding the advancement and promotion of products for the Electrical and Electronic Engineering Department Club at Industrial University of Ho Chi Minh City.