THANG
NGUYEN DUC

BACK-END
ENGINEER

GV Dictrict, HCM City

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LANGUAGES

JS Javascript   **TS** TypeSrcipt   🐍 Python

PLATFORMS/FRAMEWORKS

- Nodejs, Reactjs
- Expessjs, Nestjs, Flask
- Elasticsearch, Redis, RabbitMQ,...

Database Management System:

🍃 MongoDB   🐬 MySQL

ABOUT ME

I've 2 years of expertise in Web Development. My passion lies in delving into backend logic and finding solutions to challenging problems. I'm drawn to high CCU projects, which allow me to explore cutting-edge technologies like microservices, master/slave databases, sharding, and load balancer architecture. I always learn and improve through the latest technologies and industry best practices.

EDUCATION

Science of University (HCMUS)

Sep 2019 - Jul 2023

Major: Information Technology

GPA: 7.4

Toeic: 550+

EXPERIENCE

Pi Solution Company
Backend Developer
Jan 2022 - Now

Project: Herobook (Gamefi NFT)

- **Description**: There is a system that includes a web app and game. Using Smart Contract to create Token HBG, Token NFT. Users can deposit tokens and buy NFT or items in the shop and trade them in the Marketplace. In addition, users also bet and use NFT to play games.

- **Technology**
  - Front-end: Vuejs
  - Back-end: Nodejs, MongoDB, redis, socket.io, web3js, firebase....

- **Responsibilities:**
  - Main responsible for developing and coding features of the project
  - Build features and improve based on the roadmap, writting source document
  - Design database, make decisions for choosing library and architecture in the backend
  - Review code & mentor intern member of the team to ensure code quality Present

- Good understanding of OOP, have experience designing databases, using structure algorithms, following Coding Convention...

- Capable of handling realtime data by using Socket.io, have experience working with architecture microservice by RabbitMQ.

- Ability to use Ubuntu server for deploy production using pm2, config nginx, setup Docker for simple project.

Project: Crash Game

- **Description**: This is a web game. Users can bet on a session game. Each session game will have a race line increase follow time and it will stop anytime. If the user can stop before the system stop, they will win following the time of the line. Otherwise, the user will lose all value of the bet.

- **Technology:** Vuejs, Nodejs, MongoDB, Redis (pub/sub), socket.io, web3js...

- **Responsibilities:**
  - Setup init source, deploying ...
  - Define architecture, design flow socket.io,
  - Develop many features such as managing users, money flow, betting ad rewarding,...
  - Optimize performance for a high frequency of access

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Freelancer
FullStack Developer   *Apr 2023 - Jul 2023*

Project: Mega Power

- **Description:** This is a lottery game. Users can buy tickets by token. At 7 pm every day, the system will draw a lucky number and pay a reward to all user.

- **Technology:** Reactjs, Nodejs, MongoDB, replica, Redis (pub/sub), socket.io, web3js**...**

- **Responsibilities:**
  - Fix bugs and improve/change features
  - Responsible for update the UI

Graduate Project
Leader   *Jan 2023 - Jul 2023*

Project: Computer-assisted Translation (Cat Tool)

- **Description:** This is a tool that can help easily translate files with the support of translation memory and termbase.

- **Technology:** Reactjs, Nodejs, Python, Elasticsearch, MongoDB (replica)

- **Responsibilities:**
  - Create a task and assign it to members of the team, support fixing bugs, review code, train for the team
  - Design architecture system, set up CI/CD
  - Planing and host for each sprint