



Mai Trung Duc

Web developer (NodeJS, Laravel, VueJS, ReactJS)

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OBJECTIVES

Being a great expert in web platform. Giving much value to people

EDUCATION

Sep 2013 - Nov 2018

Hanoi University of Science and Technology

Major: Software Engineering

GPA: 3.10/4

WORKING EXPERIENCE

Feb 2019 - Present

Temasek Lab at Nanyang Technological University

Research Assistant

Main responsibilities:

- Develop online/offline ASR system on Web
- Deploy using Docker on Microsoft Azure

April 2018 - Feb 2019

Nanyang Technological University

Internship as an Engineer

Main responsibilities:

- Build a live streaming audio app
- Developing the keyword search app: searching from a long audio using some smaller audios
- Build an transcribe app: take input is human voice input and generate subtitles for conversation, allow users to edit the subtitles

Jun 2017 - Mar 2018

Rabiloo Company

PHP Developer

Project title: develop Facebook Chatbot for sale and managing facebook fanpage

Activities:

- Creating server's modules using Laravel
- Designing and programming front-end using VueJS
- Integrating Facebook Graph API into back-end

Jan 2017 - May 2017

FPT Software

.NET Developer

Project: IoT solutions for smart house

Activities:

- Developing modules for smart house which include: control light

system and doors.
- Fixing bugs and optimizing code

Jul 2016 - Jan 2017

Hosco Software Company

.NET Developer

Project title: Building a Gym Postal for gym center to manage users of the center (check in, check out, payment,...)

Activities:

- Co-operating with teammates to create system architecture, database, modules
- Programming
- Fixing bugs and optimizing code

Jan 2016 - Jun 2016

FPT Software

iOS Developer Internship.

Activities:

- Designing and programming iOS app on business statistics

Sep 2014 - Sep 2016

Lenguyet English Center

Teaching Assistant

- Supporting teacher in education in the center
- Supporting students in their learning process
- Creating out/in door activities for students to practice their English
- Managing a team (5-7 people) support teaching staff
- Organizing volunteer activities for staffs and students in the center

ACTIVITIES

Sep 2017 - Oct 2017

Leadership Exchange Program

Temasek Polytechnic (Singapore)

- Joining in volunteer program
- Culture exchange program
- Teamwork activities

July 2018 - July 2018

TheBlockchainSPIRIT Hackathon

Nanyang Technological University

- Developing a solution using blockchain based on some of common blockchain platform like: Ethereum, Hyperledger or NEM
- Working closely with team members in order to creating product in short time

CERTIFICATIONS

2017

TOEIC Certificate with score 895/990 issued by IIG Vietnam

2015

Certificate of finishing talented training software program in FPT Software

HONORS & AWARDS

2013-2014

School scholarship for good students in 2 semesters

2016

Lotte Scholarship for outstanding students

SKILLS

Programming	PHP, Laravel, VueJS, NodeJS, ReactJS, MySQL, HTML, Javascript, Docker, Nginx, Heroku, AWS, Linux, DigitalOcean, Azure
Computer	Photoshop, Adobe Premiere
Language	English, Vietnamese

INTERESTS

Watching football, gym, travelling, photography

PROJECTS

Public chat forum

(2018 - 2018)

Customer	Open for everybody in public chat
Description	<ul style="list-style-type: none">- This app allow user to chat in public in incognito or using member account- User can choose many type of chat room depending on their demand- User can streaming chat using mic or camera in real time- This app contains subdomains in order to separate target objects- User can chat in room with other users or can choose private chat
Team size	2
My position	Developer
My responsibilities	<ul style="list-style-type: none">- Analysis and design- Development- Code review- Optimizing code- Bug Fixing
Technologies used	<ul style="list-style-type: none">- NodeJS, VueJS, SocketIO, MongoDB- LEMP stack- Webpack- Cloudflare

Query-by-Example Spoken Term Detection

(2018 - 2018)

Customer	Researchers
Description	<ul style="list-style-type: none">- Search a small/short audio in a long audio by using Dynamic Time Warping Algorithm- Extract audio to get features and apply those feature to the algorithm to find when the small audio appears in the big audio file- Deploy it on browsers
Team size	2
My position	Developer
My responsibilities	<ul style="list-style-type: none">- Database design, UI design- Programming
	<ul style="list-style-type: none">- C++, Kaldi

Technologies used	- NodeJS, MySQL, VueJS, SocketIO
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Speech Recognition Mobile App

(2018 - 2018)

Customer	Enterprise Customer
Description	- Allow user can stream audio data from mobile's mic then send to server to recognition in real time
Team size	2
My position	Developer
My responsibilities	- UI design - Programming - Optimizing code - Receive feedback from user and adjust the app
Technologies used	- Android, WebSocket - Audio streaming, Speech-to-Text system - PHP, Laravel, MySql (for API interface and authentication)

Subtitle Transcribing Application

(2018 - 2018)

Customer	Researchers
Description	- Receive input from human voice in real time then send it to Google and receive result as subtitle - Allow multiple channels processing - Display result in real time - Allow user to edit the subtitle and save.
Team size	1
My position	Developer
My responsibilities	- Hardware problem solving: how to receive and detach data from multiple channels - UI design - Programming - Optimizing code
Technologies used	- VueJS, SocketIO - Python - Google Cloud Speech

Chatbot for businesses on Facebook

(2017 - 2018)

Customer	Small and medium businesses
Description	- This app for businesses which want to marketing their products to customers through Facebook - Manage products and customers - Create marketing campaigns to promote their products
Team size	6
My position	Developer
My responsibilities	- Analysis and design - Development - Code review - Optimizing code - Bug Fixing
Technologies used	- PHP, Laravel, VueJS, MySQL - Facebook Graph API - Webpack

Blockchain on Distributed File System

(2017 - 2018)

Customer	(Final project on school)
Description	- This system allows user can share files to others, file will be distributed globally using IPFS, file's info will be saved into an Ethereum blockchain
Team size	1
My position	Developer
My responsibilities	- System analysis - Programming
Technologies used	- NodeJS, VueJS, Laravel - Go Ethereum, Web3JS, IPFS

IoT on Smarthouse

(2017 - 2017)

Customer	Personal customer
Description	- Develop modules on doors management
Team size	1
My position	Developer
My responsibilities	- Database design - Programming - Optimizing code
Technologies used	- MVC.NET, WCF - SQL Server

BAHANTO E-commerce platform

(2016 - 2017)

Customer	Sale businesses
Description	- Allow users to create their shop and sell on it - Manage users and products - Statistics data
Team size	5
My position	Developer
My responsibilities	- Developing from current system - Optimizing code - Receiving feedback from user and adjust the app
Technologies used	- MVC .NET, WCF - SQL Server,

GymMaster Portal

(2016 - 2017)

Customer	Gym centers
Description	- Manage members in a gym center - Interact with hardware when user check in or out - Statistics
Team size	3
My position	Developer
My responsibilities	- Database design - Programming - Optimizing code - Receive feedback from user and adjust the app

Technologies used	- MVC .NET, WCF - SQL Server
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Skipping Stones (Multiplayer Game)

(2016 - 2016)

Customer	(Project on school)
Description	- A game in it users can join and play with each others - Each user has their own section equivalent with their screen size. And all section of all users will be connected - Users can throw a stone from their section to other's section in real time
Team size	4
My position	Developer
My responsibilities	- System analysis - Programming
Technologies used	- Unity, C#, RPC -PHP, MySQL