



SOFTWARE ENGINEER

TRAN VU NGUYEN

CONTACT INFORMATION

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BRIEF INTRODUCTION

Hi! I'm an engineer with a self-starter's mindset.

AREAS OF EXPERTISE

- Project Management
- Software Developer
- Team Leadership
- Supervision
- Software Design

SKILLS

- HTML , CSS
- Javascript (ES6, React)
- C , C#
- Microsoft Winform , VB.Net
- SQL (Oracle)
- Python
- Figma

EDUCATION HISTORY

**INDUSTRIAL UNIVERSITY OF
HO CHI MINH CITY**

Bachelor's Degree in
Mechatronic , 2018

WORK EXPERIENCE

SUB-LEADER

SAIGON PRECISION – MISUMI GROUP | 2018 – 2021

- Made documents, trained members in new method, products, operation instructions and maintenance
- Provided, designed, implemented automation for various manufacturing system to ensure quality product, increase efficiency and reduce human
- Managed, Developed IoT Industrial, software to communicate between machine and operator
 - Python GUI framework (PyQt5, EEL)
 - Frontend: HTML, Reactjs
 - Backend: Python, Nodejs
 - Database: SQL, MongoDB
 - Hardware: Arduino, Esp8266, Raspberry PI, PLC, HMI, Mitsubishi
 - Message Protocol for IOT: MQTT Eclipse Mosquitto
- Planned and designed Architecture, PCB drawing, electric sketch, assembly drawing
 - Tool: Figma, Altium, Solidwork
- Created application for everyone easily search file scanned, documents, code product on server company reduce many time consumption as before

SOFTWARE ENGINEER

PERSONIFY INCORPORATION | OCT 2017 – MAR 2018

- Developed software for clients
 - WISA Stack: Window + IIS + Oracle, SQL + C# Winform
 - Contributions : Build window/desktop application (C#, Vb.net)
- Maintained and fixed bugs

PROJECT SUBJECT
3/2021 – 7/2021

ECOMMERCE – MERN STACK

FULL STACK

- Team size : 1
- Project description : Application is website sell electronics like iphone, macbook, watch, airpod ... You can add products to cart or remove. Simple Login and Register Form. Checkout page, Shopping Cart ...
- Frontend : Reactjs, Redux, Redux-Thunk.
- Backend : Nodejs, Express, RESTful API, MongoDB, JWT, CryptoJS
- Responsibilities :
 - Using React to develop User Interface
 - Using MoogoDB to store data about Users, Products
 - Using JsonWebToken to create accesstoken
 - Using CryptoJS to encrypt password, secrect field.

PROJECT SUBJECT
11/2020 – 2/2021

REALTIME CHAT

FULLSTACK

- Team size : 1
- Project description : Website for chatting
- Frontend : ReactJS, Redux-Toolkit, Styled-components
- Backend: Amazon DynamoDB – GraphQL, Amazon Cognito, Amazon amplify
- Demo : <https://bit.ly/3k3YWLP>
- Responsibilities :
 - Create modern UI similar SLACK
 - Store messages & rooms on DynamoDB
 - Login, Logout, Create account with Amazon Cognito
- Future : Add storage function, using Amazon S3

PROJECT SUBJECT
10/2021 – 12/2020

MOVIE WEBSITE

FFRONT END

- Team size : 1
- Project description : Website display movies by genre, trending or top rated
- Frontend : Nextjs, Express, TailwindCSS
- Demo : <https://hulu-clone-chi-ecru.vercel.app/?genre=fetchTrending>
- Responsibilities :
 - Using Express to get API from Themoviedb
 - Using Nextjs for performance and SEO
 - Rapidly build modern websites without ever leaving HTML by using TailwindCSS
- Future : Add search and login feature

PROJECT SUBJECT
9/2020 – 11/2020

CAR BOOKING MOBILE

DEVELOPMENT

- Team size : 1
- Project description : application for mobile IOS and Android
- Technologies : React-native, TailwindCSS, Redux, React-native-maps, React-native-firebase
- Server : Expo, Google Cloud API: Map-Direction-Matrix
- Demo : <https://github.com/dylan1607/uber-clone>
- Responsibilities :
 - Building modern UI.
 - Using Google Cloud Api Map to create module which can search location
 - Using API Matrix for calculating travel distance, total time travel
 - Using firebase for authentication and store database

OUTSOURCE PROJECT
5/2020 – 9/2020

BUSINESS WEBSITE

FRONT END

- Team size : 2
- Project description : Service Advertisement and Quote to Client
- Frontend : Reactjs, Nextjs, Express, TailwindCSS, DaisyUI Component, Strapi CMS
- Server : AWS Lambda with MongoDB Compatibility, AWS S3
- Responsibilities :
 - Develop modern website with homepage, login register form, admin dashboard
 - Using Strapi CMS to design Api and manage content easily

COMPANY PROJECT
11/2019 – 3/2020

SEARCH AND PRINT DOCUMENT

SOFTWARE DEVELOPMENT

- Team size : 1
- Project description : User can search product code with few characters or all of the text. After that, app will show the document on screen, user can print or delete file.
- Technologies : C#
- Server : Oracle Database, MSSQL Server
- Responsibilities :
 - Build complete application
 - Connect to database, filter name code product