

Vinh Nguyen

Able to Relocate & Travel Extensively ! Available for Full Time,
OT & Contract Assignments

Vinh Khanh Street, Ward 8,
district 4, Ho Chi Minh city.,
(849) 38112266
quangvinh.1305@gmail.com

EXPERIENCE

Left Coast Logic, VietNam — Sr.Web Developer

05 2017 - Present

ZigEXN Ventura, VietNam — Ruby on Rails

05 2016 - 05 2017

Global Cybersoft and Hitachi Consulting, VietNam — Embedded Software Developer

03 2014 - 05 2016

Internship at University of National, VietNam — Networking and Linux Services.

01 2013 - 01 2014

EDUCATION

University of Science, VietNam — Bachelor

MONTH 2009 - MONTH 2013

Ruby On Rails at University of John Hopkins, Online Certificates

[Single Page Web Applications with AngularJS](#)

[Ruby on Rails: An Introduction](#)

[Rails with Active Record and Action Pack](#)

[Ruby on Rails Web Services and Integration with MongoDB](#)

[HTML, CSS, and Javascript for Web Developers](#)

[Single Page Web Applications with AngularJS](#)

03 2016 - 2017

Capstone Project — Photo Tourist

Develop a Photo Tourist project.

[Capstone: Photo Tourist Web Application](#)

Responsibilities

- Implement Thing, Image, Inquiry, Business, Services, Authentication, Authorizations Model
- Process front end for Photo Tourist project

Technologies used in projects:

SKILLS

Cloud Computing on
Handheld devices.

Ruby on Rails.

AngularJS 1, 2

HTML/CSS/JS.

Java for Android..

C/C++: OOP/Patterns design.

Linux Programming Interface

Machine Learning & Digital
Signal Processing

LANGUAGES

English

Vietnamese

- Mongo, PG SQL, sqlite.
- Angular/JS, Bootstrap, HTML/CSS, Ruby On rails ...
- Git version control.

Achievements

<https://phototourist.herokuapp.com/>

Mini Project — Restaurant Website

Develop a Restaurant Website

Responsibilities

- Implement Menu Model, Category, Restaurant Model
- Process front end for restaurant website.

Technologies used in projects:

- Sqlite.
- Angular/JS, Bootstrap, HTML/CSS, Ruby On rails ...
- Git version control.

Achievements

<https://quangvinh1305.github.io/angular-module05/#/>

PROJECTS

LeftCoastLogic — Smartday

<https://beta.floware.com:8036/#/flo>

Responsibilities

- Developer features for emails, contacts, histories, note, calendar

Technologies used in project

- Ruby on Rails, bootstrap, angularjs, nodejs, node-imap, typescript, caldav, carddav, AWS, Amazon EC2.

Achievements

- Real world handle for send/receive emails imp/smtp
- Break files smaller to cloud server to store and send files to user.
- Real world handle for contacts, calendar use carddav, caldav.
- Improve about leader skills, project management, share task to another team members.

Mitsubishi's Project — CCTV

Develop Service Layer for CCTV System Project.

Develop Service Layer for communicate between GUI and Middleware layer

Responsibilities

- Investigate requirements, implement important features of Service layer.
- Implement Unit Test, Stub for Integration Test.
- Analyze and fix bug.
- Support new comer and coordinate with team member on project.

Technologies used in project

- C/C++, Ruby, Makefile script, gdb, UML, curl database, CppUnit...
- Mercurial, SVN version control
- Asynchronous calling model, synchronization and resource protection.

Achievements

- Experience with architecture design on embedded system.
- Use C/C++/Linux programming in advance
- Experience with domain of CCTV system
- Experience with Test, Stub, bug analyzing and fixing.
- Experience of outsourcing with Japaneses customer

Mitsubishi's Project — NetHunter

Porting Camera Setting feature to web service in the CCTV project

Responsibilities

- Do basic design, design sequence for camera setting
- Investigate Web engine, Angular JS basic, Javascript
- Using Javascript to port logic of Camera Setting feature from native code (C/C++) to Web service
- Implement unit test

Technologies used in project

- Angular JS, Bootstrap
- Javascript programming
- Karma Unit testing

Achievement

- Knowledge about Web engine
- Experience with Javascript programming
- Experience with drawing sequence diagram.
- Experience with debugging and bug fixing

GCS's Project — Image Processing for Smart Home

Develop Image Processing for smart office.

Responsibilities

- Investigate how to detect the face.
- Implement Unit Test, Stub for Integration Test.

Technologies used in project

- Image segmentation, deep learning, Neural Network.
- Raspberry Pi 2.
- C/C++, OpenCV ...
- Mercurial, Hg version control.

Achievements

- Level Set Method, Skin Detection, Image Segmentation, Histogram ...

The Thesis Project — Speech Recognition for smart home.

Develop Speech/Speaker Recognition for smart home

Responsibilities

- Use portaudio to record the sound.
- Remove unvoiced sound by energy..
- Extract MFCC features.

Technologies used in project

- C++, portaudio.
- Micro-Controller PIC, PWM, Motor.
- Neural Network.

Achievements

- Digital Signal Processing, Fourier Transform, DCT, Neural Network with C++.
- Micro-Controller with C.

ZigEXN Ventura — Develop for arubaito project

<http://arubaito-ex.jp>

Responsibilities

- Implement kaigo_kyujin_navy parallel import system
- Implement web crawler
- Job Recommender System.

Technologies used in project

- Ruby on Rails, devise, bootstrap, HTML, JS, nokogiri, oauth, AI4R, Redis, Sidekiq, apache solr, rspec, mysql, rubocop

Achievements

- Job modeling for a arubaito job search.
- Apache solr.
- Bootstrap in rails.
- Item-Item and user-user collaborative

ZigEXN Ventura — Develop for Haken project

<https://haken-ex.jp/>

Responsibilities

- Handle for a Job model.

ZigEXN Ventura — Develop for Konkatsu project

<http://konkatsu-ex.jp/>

- Handle for a wedding model.
- Design front end for fiore, sunmarie, wedding bell.

ZigEXN Ventura — Ventura online Shop

Responsibilities

- Design a ventura online shop website.
- Design ORM for a online shop.

Technologies used in project

- Ruby on Rails, devise, bootstrap, HTML, JS, Amazon Product API, rspec, bcrypt, angularjs, Redis, Sidekiq.

Achievements

- Object Relational Mapping for Shop: Payment, card, user model, background process

ZigEXN Ventura — Movie Recommender System Research

<https://github.com/quangvinh1305/recommender1234>

Responsibilities

- Design a Movie App website.
- Training and Recommend movies to users.

Technologies used in project

- Ruby on Rails, bootstrap, TF-IDF, Kmeans.

Achievements

- Database design for movie app.
- Basic about Recommender System.