





Trung Nguyen, Dang


Software Engineer - VNPT IT


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About

Strong at data analysis, data structure and algorithm, complex math solve.
Customer experiences: customer requirement, Business Analyst, technical analysis.
Very strong Web Development: web dev for both jQuery, Vanilla JS, TypeScript, OOP, prototype, HTML, CSS
Have a good knowledge UML Design, Modeling Design, DataBase Schemas
Expected Job: Web Dev (Java - J2EE, Spring Boot), FullStack Web dev (JavaScript - NodeJS, React, HTML, CSS, jQuery), Geometry Map (draw line, polygon, marker, direction)
Books and Music are always my best friend from any time, any where
Slogan: Nothing is impossible.

Skill

Node JS (9/10)

CSS, LESS, SASS (9/10)

Java (8/10)

Docker (7/10)

HTML (9/10)

PostgreSQL (8/10)

MongoDB (7/10)

Linux (7/10)

Experience

● Software Engineer

VNPT IT · Full-time

Jan 2021 - Present

GoMeet

Role: Team Leader

- GoMeet - is a high-quality video calling app designed to help you have meaningful and fun interactions with your friends, family, colleagues, and classmates, wherever they are. It's the only app that has communities, events, chats, share files, meetings, preseting in one place.

- As a team leader, an architect, I am responsible for ensuring product quality from UI/UX to distributed logic architectures. Design software architecture, give best business solution, help team member to resolve technical problem, review source for team member, merge source, build source and deploy dev and production.

Languages and technologies:

- Backend: NodeJS, Express JS, Socket.io, MediaSoup Server, Redis, MongoDB, NATs.

- Frontend: Angular, React JS, Socket.IO - client, MediaSoup Client.

Live Stream Server

Role: Team Leader

Create web client capture screen and live stream to RTMP Server such as Youtube, Facebook or any other CDN LiveStreaming Server

Languages and technologies:

- WebRTC Internet Telephony Kamailio Server, Asterisk Server, FreeSwitch, Ffmpeg

VCP - Video Call Platform

Role: R&D (work independent)

- R&D learning about VOIP Server. Build Call Center system with Asterisk Server, Kamailio Server.

● Senior Software Engineer

Evolus VN · Full-time

Nov 2017 - Feb 2021 · 3 yrs 2 mos

NBC Sport Engine

Role: Fullstack Java Web Developer

- NBC Sport Engine - Club team manage student registration, Lesson classes training and competition, Business analytics, statistic report.

- Java: Write services api for mobile and web. Connect database (PostgreSQL), aggregate data response JSON data.

- JavaScript/HTML/CSS: Vanilla JS prototype component, HTML flex-box layout, Less CSS.

- Others: Node JS: Express JS + React JS + Gulp Babel

● Software Developer

NEC VN · Full-time

Nov 2014 - Aug 2017 · 2 yrs 8 mos

Waseda University

Role: Web developer for both front-end and back-end

- Java: Spring Frameworks, Velocity, myBatis

- Front-end: jQuery, Ajax, Angular, Cordova

- Self-learning: Python, Django, Angular, TypeScript, NativeScript

● Web Developer

ESI Tech, Vietnam · Full-time

May 2013 - Sep 2014 · 1 yrs 4 mos

Role: Software Developer

Write JavaScript, jQuery, transform XML with XSLT file, draw chart with highchart, Map API (OpenLayers, Google Map), jQuery pages with JSON data

Environment: Linux (Oracle Linux, Fedora 18/19/20).

My Free Time Projects

Media Monitor

<https://github.com/dragonfly6373/media-monitor>

There is a demo where you can live streaming on Youtube or any RTMP Server, or record any web session to media file and playback

Logger JS

<https://github.com/dragonfly6373/logger-js>

Write node backend log to file and console 4 different levels of logging in a specific order: 'error', 'warn', 'info', 'debug'

Font Icons

<https://github.com/dragonfly6373/font-icons>

Python Script create font icons file from svgs. Output: myfont-icons.afm, myfont-icons.eot, myfont-icons.woff, myfont-icons.ttf, myfont-icons.woff2

Media Catching

<https://github.com/dragonfly6373/MediaCatching>

Chrome Extension catching any media file url

Summary

Java: Java Core, OOP, Design Pattern, Spring MVC, Spring Boot, Maven

Frontend HTML/Javascript/CSS: Vanilla JS, OOP, Prototype, Bootstrap, OpenLayers, CSS Less, SASS, React Js, React Native.

Node JS: OOP, Decorator - Reflect MetaData, Electron, Express JS, Cluster, PM2, Puppeteer, Worker

Threads, Child Processes, Webpack, Gulp

DataBase: Mysql, PostgreSQL, MongoDB

WebRTC: MediaSoup, Kamailio Server, Asterisk Server, FreeSwitch

Load balancers: Redis catching, Redis Pub/Sub, NATs, RabbitMQ

OS: Windows, MAC OS X, Linux Fedora, Ubuntu, Pop!_OS, Debian, CentOS

Other Tools: Docker, Git, Redmine, Svn, Jira, Docker, Rancher, Jenkins

Education

Water Resources University

Engineers's degree, Information Technology

Sep 2008 - Dec 2012

Grade: Good

TOEIC

English - Communication

Grade: 545/990

Activity



Badminton



Cycling



Swimming



Reading Book