





## Nguyen, Dang

Node.js Developer - Huge inc

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### About

I bring nearly 12 years of experience as a software developer, with expertise in both backend and frontend roles. My skill set includes a strong foundation in object-oriented programming (OOP), data analysis, data structures, and algorithms.

Backend: I have extensive knowledge of Node.js, Express.js, and Nest.js, all of which I work with using TypeScript. I'm proficient in integrating various business systems, including OAuth, SSO with Firebase, Firebase Storage, Mailgun, as well as connecting databases with Prisma or TypeORM. I also have experience with GCP Logger, GCP PubSub, and gRPC for microservice communication.

On the frontend, I excel in JavaScript, including both Vanilla JS and frameworks like React, as well as TypeScript. My OOP knowledge extends to advanced topics like prototypal inheritance and metadata reflection, enabling me to build efficient and scalable web applications. I specialize in writing high-performance JavaScript and crafting custom solutions with raw CSS to create user-centric, accessible designs, without depending on frameworks like Bootstrap or Tailwind.

I also have solid expertise in Microservice architecture, UML Architecture design, modeling, and database schema development.

My professional experience includes working closely with customers to gather requirements, performing business analysis, and conducting technical evaluations.

Slogan: Nothing is impossible.

### Summary

Node JS: OOP, Decorator Reflect MetaData, Electron, Express.js, Nest.js, Cluster, PM2, Puppeteer, XVFB, Webpack, Gulp

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

Java: Java Core, OOP, Design Pattern, Spring Boot, Maven, JPA, Hibernate, Lombok

DataBase: MySql, PostgreSQL, MongoDB

WebRTC: MediaSoup, Kamailio Server, Asterisk Server, FreeSwitch, FFMPEG

Load balancers: Keepalived, HAProxy, NginX, Apache2

Message Queues: Redis Pub/Sub, NATs, RabbitMQ, Kafka

GitHub CI/CD: command, actions, workflow

GCP Cloud Run: Firebase Auth, Logger, Pub/Sub, gRPC, API Gateway

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

Other Tools: Docker, Redmine, Svn, Jira, Docker, Rancher, Jenkins, Atlassian, Confluence

## Experience

### ● Node.js Developer

*Huge inc · Full-time*

*May 2025 - Jun 2025 · 1 months*

#### The Ring

Role: Fullstack Node.js

Create innovative software businesses use for customer. AI note-taking & analysis for research

Backend: Nodes.js - Nest.js, Prisma, Postgres

GCP Cloud Run: Firebase Auth, Logger, Pub/Sub, gRPC

### ● Fullstack Node.js Developer

*Freelancer · remote*

*Sep 2024 - Apr 2025 · 7 months*

#### Part time remote jobs

Role: Fullstack Node.js

Join in outsourcing team. Work as freelancer

Frontend: React.js custom UI and display styles

Backend: implement REST APIs handler

#### Beings

Role: Fullstack Node.js

Create innovative software businesses use for customer & market research. AI note-taking & analysis for research

Backend: Nodes.js - Nest.js, GraphQL, TypeOrm, MySql

Frontend: React.js

GCP Cloud Run: Firebase Auth, Logger, VOD, Live Stream

#### Standage ltd

Role: Fullstack Node.js

Standage DigiTrad is a trade digital transformation platform that improves efficiency and digitalizes business processes, allowing trade operations to proceed more quickly and smoothly

Backend: Nodes.js - Nest.js, typeorm, Postgres

Frontend: React.js, Chart.js

### ● Software Engineer

*VNPT IT · Full-time*

*Mar 2021 - Sep 2024 · 3 yrs 6 mos*

#### 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.

Languages and technologies:

- Backend: NodeJS Microservice - 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

Create client record with headless browser join to the meeting such as Google Meet, Zoom, Microsoft Teams ...

Languages and technologies: Node.js, Puppeteer, Xvfb, 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.

#### iQMS

Role: Software Developer

VNPT iQMS provides complete solutions for the entire process of appointment booking - payment - ticket collection - reception - quality assessment and supports information setup for units/hospitals.

Languages and technologies: Java Spring Boot, Spring Security, Hibernate, Mongodb, Log4j, Kafka, Swagger, Lombok, redis, MQTT, Node.js - Electron

### ● 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

**Education****Engineers's degree, Information Technology***WRU (Sep 2008 - Dec 2012)*

Grade: Good

**English***TOEIC - Intermediate***Activity**

Badminton

Cycling

Swimming

Reading Book