

Nguyễn Tuấn Duy

PERSONAL DETAILS

- Name **Nguyễn Tuấn Duy**
- Sex Male
- Marital status Single
- Email johnluy1999@gmail.com
- Phone 0834120699

EDUCATIONAL BACKGROUND

- USTH – Information Communication Technology – Bachelor
- NodeJS Backend Web Application Framework – Certified 10/2022
- English Score (British Council): 366 ~ TOEIC: 690 – Certified 9/2022

PROFESSIONAL SUMMARY

- 4+ Years of experience in Backend using NodeJS with JavaScript and TypeScript
- 1+ Years of experience in Frontend with JavaScript base including web development, ReactJS.
- 2 years of experience in Amazon Web Services.
- Experience in using methodologies: OOP, UML, Design Patterns, and Agile Scrum.
- Experience in handling with a SQL database: MYSQL, Oracle, MariaDB, MongoDB, DynamoDB, etc.
- Experience in Software Development Environment: Sublime Text, Visual Studio, Visual Studio Code.
- Experience in DevOps: CI/CD, Deployment, Terminal, Git bash, etc.

SOFTWARE

- Programming Languages: PHP, Python, Golang, XML, HTML5 – CSS3, JavaScript, Typescript
- Databases: Oracle, SQL Server, MySQL, SQLite, MariaDB, MongoDB, DynamoDB.
- Tools: Eclipse, Visual Studio, Visual Studio Code, Sublime Text.
- Configuration Management tools: Git, GitLab.
- Management tools: Jira, Word, Excel, Google Sheet, PowerPoint, Data Studio, Target Process

LANGUAGES

- Vietnamese: Native
- French: Elementary Proficiency. A2~B1
- English: Fluent in Communication. TOEIC 690/990

PROFESSIONAL EXPERIENCE

WORK EXPERIENCE

Jun 2020 – Sep 2020

Position	Internship (Fullstack web application)
Organization	Vietnam Academy of Science and Technology (VAST)
Job description	<ul style="list-style-type: none">➢ Writing and debugging code.➢ Managing and visualization CT images on web application.➢ Design system and applying AI for detecting cancer.➢ Managing doctor and patient information with high security.

Oct 2020 – Jul 2021

Position	Software Engineer & Data Analysis
Organization	Hanoi Telecom
Job description	<ul style="list-style-type: none">➤ Writing and debugging code.➤ Performing and writing unit tests based on FUT document (Functional Unit Test).➤ Investigating and conducting solution for company.➤ Digitizing data between departments in the company Writing and debugging code.➤ Collecting data and generating report.

Jul 2021 – May 2023

Position	Middle Full-stack, Senior Backend, Team Lead Backend
Organization	FPT Software (Offshore for Quadient)
Job description	<ul style="list-style-type: none">➤ Involving in all phases of the project. (Documentation, Designing, Coding, Unit Testing, Manual Testing).➤ Writing and debugging code.➤ Conducting code review.➤ Performing and writing unit tests based on FUT document (Functional Unit Test).➤ Supporting to find out solution for tasks.➤ Manage backend teammates.

May 2023 – Jul 2023

Position	Senior Backend Software Engineer
Organization	Mor Software
Job description	<ul style="list-style-type: none">➤ Involving in all phases of the project. (Documentation, Designing, Coding, Unit Testing, Manual Testing).➤ Writing and debugging code.➤ Conducting code review.

Jul 2023 - now

Position	Senior Backend Software Engineer
Organization	EMDDI (Offshore for XanhSM)
Job description	<ul style="list-style-type: none">➤ Involving in all phases of the project. (Documentation, Designing, Coding, Unit Testing, Manual Testing).➤ Writing and debugging code.➤ Handling reconciling at payment result➤ Supporting to find out solution for tasks.➤ Create a payment gateway for handling all payment method such as VietQR, MB Bank, BIDV, ZaloPay, Viettel Money, ...

PROJECT LIST

Health Care: **Lung Cancer Care**

Jun 2020 – Sep 2020

Position: Internship fullstack developer

Project Description: Because of the dangerous and rapidly increasing the rate of lung cancer, the system that initially assists doctors in the diagnosis of primary non-small cell lung cancer based on computer tomography has been created which named Radiologist and image management on lung cancer care website.

Customer: VAST

Team Size: 8 people

Responsibilities:

- Frontend:
 - Designing and visualizing CT images on website
 - Optimizing request to backend.
 - Validating and improving security.
 - Creating function that help doctors can note, resize, calculate, measuring coordinates, etc...
- Backend:
 - Validating request from frontend.
 - Storing client information in database.
 - Applying security when storing data.
 - Designing database.

Technologies Used:

- PHP, JWT, MariaDB, CornerstoneJS, HTML, CSS, Bootstrap 4, JavaScript

Supporting company business: **AMIS + Discord Bot + Google Data Studio**

Oct 2020 – Jul 2021

Position: NodeJS Fullstack developer

Project Description: Managing and statisticizing customer information.

Team Size: ~10 people

Responsibilities:

- Frontend:
 - Designing interface by applying UX/UI knowledge.
 - Applying Ajax for calling data from backend.
- Backend:
 - Handling data from frontend.
 - Validating and optimizing data for storing to Database.

Technologies Used:

- Programming language: JavaScript, CSS, HTML, JQuery
- Database: SQLite, Active Directory
- Tools: Jira, Google Sheet
- Template Engine: PugJS
- Framework: NodeJS, DiscordJS, Zapier
- Communication method: RESTful API, LDAP, Web hook
- Service: Google Console

Logistic: **NeopostLab**

Jul 2021 – Feb 2022

Position: Full-stack Software Engineer

Project Description: NeopostLab is a project to research solution for Quadient. When Quadient has an idea, they request project to have a solution and make POC quickly. The output of team will be handle by another development team who will make it as a product or the team will develop directly the product.

Team Size: ~31 people

Responsibilities:

- Define technical solutions, tasks, and estimate.
- Code and implement for security system.
- Review code, fix bugs and support other members.
- Design and find out solution
- Implement user stories and features.
- Configuring CI/CD Gitlab and Deployment.
- Customizing Cloudformation and Serverless.
- Working with auto test and manual test

Technologies Used:

- Programming language: ES6, JavaScript, CSS, HTML, Python, Golang, cURL, XML, bash
- Database: DynamoDB, MongoDB
- Search Engine: ElasticSearch/OpenSearch
- Tools: Target Process
- Template Engine: Handlebars
- Framework: NodeJS (ver12-16), ReactJS, Serverless (ver2-3), Apollo Server, etc...
- Communication method: RESTful API, GraphQL, SOAP
- Service: Amazon Web Services (AWS),
- API Management: apidocJS

Position: Backend Software Engineer

Project Description: PLS – Merge is a project for analyzing new business of parcel locker for residential area in some countries like EU, UK, Japan. The parcel locker helps client can store their stuff which is come from the delivery man in a limited time.

Team Size: 55 people

Responsibilities:

- Define technical solutions, tasks, and estimate.
- Code and implement for security system.
- Review code, fix bugs and support other members.
- Design and find out solution
- Implement user stories and features.
- Configuring CI/CD Gitlab and Deployment.
- Customizing api with Nginx..
- Working with auto test and manual test

Technologies Used:

- Programming language: JavaScript, bash, lua
- Database: ElasticSearch
- Search Engine: ElasticSearch
- Tools: Jira
- Framework: NodeJS (ver12-16), CucumberJS, ReactJS, etc...
- Communication method: RESTful API, Message Queue, Websocket
- Service: RabbitMQ, Redis, Nginx, Docker, SocketIO

Position: Backend Software Engineer

Project Description: The "Talent Assessment" project involved developing a robust system for creating and evaluating exams. This system streamlined the exam generation process, automated scoring, participant management, and result reporting. Its purpose was to enhance the efficiency and transparency of candidate assessment.

Team Size: 9 people

Responsibilities:

- Define technical solutions, tasks, and estimate.
- Code and implement for security system.
- Review code, fix bugs and support other members.
- Design and find out solution

- Implement user stories and features.
- Configuring CI/CD Jenkins and Deployment.

Technologies Used:

- Programming language: JavaScript, bash, lua
- Database: MongoDB, PostgreSQL
- Tools: Jira
- Framework: NodeJS (ver20), Prisma, Apollo Server, ExpressJS, etc
- Communication method: RESTful API, GraphQL

Logistic: **XanhSM**

Jul 2023 – Apr 2024

Position: Backend Software Engineer

Project Description: Xanh SM is the brand name of the first electric taxi service from the Republic of Vietnam. Currently, we are continuing to expand our services in the international market, through different services. Our services are served by VinFast electric vehicles, which are vehicles that do not emit pollution, do not smell of oil, do not make noise of the engine, good for health and friendly to the environment. With a team of drivers who have been professionally trained, have specialized skills according to the principles, and provide sincere service, for this reason, Xanh SM guarantees the quality of excellent 5-star service to users.

Team Size: 50 people

Responsibilities:

- Define technical solutions, tasks, and estimate.
- Review code, fix bugs and support other members.
- Design and find out solution
- Contact third party for business
- Implement user stories and features.
- Handle all task about payment in-app prepay/postpaid.
- Binding/unbinding account for user
- Connect ZaloPay/Viettel Money/BIDV/MB Bank/VietQR for payment method

Technologies Used:

- Programming language: JavaScript, TypeScript, Go lang
- Database: DynamoDB (v3), MySQL,
- Tools: Jira
- Framework: NodeJS (ver10-20), ExpressJS, BunJS, FastJS, ...etc
- Communication method: RESTful API, SocketIO, gRPC, message-queue (bullMQ, RabbitMQ) , etc...