# Nguyễn Trọng Quân

Nhổn, Bắc Từ Liêm, Hà Nôi

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#### **OBJECTIVE**

I aspire to leverage my abilities to contribute to the company, fulfill assigned tasks to help the business grow, and develop my skills towards achieving positions such as sub-lead, lead, or project manager in the future.

#### WORK EXPERIENCE

#### **PGT-solutions** - Web developer

06/2023 - Now

Sublead of team backend (3 member) / Fullstack Web Developer

Assisted in the development of web, applications using NodeJS, NestJS, PHP, Laravel for Backend, NextJs, ReactJS for Frontend Assisted in deploying applications to environments using VPS, AWS, and Docker.Implemented testing and automation tools such as CI/CD and SonarQube.

Wrote and maintained unit tests for key modules.

Participated in business problem analysis and worked as a sub-lead.

#### HapoSoft - Web developer

06/2021 - 06/2023

Backend and Frontend Programmer (Web, Mobile)

Assisted in the development of web, applications using PHP, Laravel, NodeJS, NestJS for Backend, NextJs, ReactJS for Frontend. Assisted in developing the deployment environment for the product for developers.

Participated in the process of business analysis and gathering customer requirements.

Participating in personal development activities: OKRs, Seminars, ...

Basic understanding of Agile.

### APT Global Enterprise - Freelancer remote partime - Web app developer

06/2023 - now

Backend and Frontend Programmer

Assisted in the development of web, applications using NodeJS, NestJS, Python for Backend, NextJs, ReactJS for Frontend.

Assisted in crawler data using Python, pyppeteer, using tools to bypass CAPTCHA and proxy,...

Assited in Implement third-party API translation, OpenSearch, ...

#### **SKILLS**

Backend	Proficient in building scalable web applications using frameworks such as NodeJS (NestJs, ExpressJS) and PHP (Laravel, Wordpress).
	Experience with RESTful API development and database management (SQL and NoSQL
	databases).
	Developing support tools based and crawler on Python.
	Implement third-party API translation, OpenSearch,
	Using UnitTest, JestTest to write tests for functions and modules of the systems
Frontend	Skilled in creating responsive and user-friendly interfaces with NextJS (React)
Server	Experience in configuring and managing web servers, including Apache and Nginx.
	Able to build applications using Docker, implement CI/CD for GitHub, GitLab, and deploy
	SonarQube.
	Have basic knowledge of AWS.
More	Skills in analyzing customer requirements and analyzing systems according to requirements.
	Using management tools: Git, Github, GitLab, Slack, Jira, Google team

#### SOME PROJECTS

## Personal Project - Gemini Transfer Image Support

(08-2024 - now)

Customer	Student
Description	<ul> <li>A simple and powerful client for interacting with the Gemini API to analyze data from websites. We are testing the Gemini API for analyzing data from websites, and this package will help you do the same with ease.</li> <li>Some functions have been implemented: <ul> <li>Read content from an image: analyze the image, provide assessments, titles, and capture from the image.</li> <li>Read content from multiple images: analyze multiple images at once and provide comments on them.</li> <li>Read text content from an image: analyze the image and extract the text content, automatically attach labels, and allow users to select priority labels.</li> <li>Read content of multiple items from an image (in development): Provide an image containing multiple similar items, read and return an array of data for the items in the image.</li> </ul> </li> <li>Near Future Development Orientation:</li> </ul>

	<ul> <li>Continue updating prompts to enhance data generation capabilities.</li> <li>Research and develop a feature for analyzing data from websites: users will input a URL, and we will analyze the website's data to provide product/information analysis and offer recommendations based on user requirements.</li> </ul>
Team size	1
My position	Developer
My responsibilities	Research and develop, implement functions Refer to the needs of users (mainly students and small project developers) Develop it into a package (currently has nearly <b>500 downloads</b> on npm and <b>9 stars</b> on GitHub as of <b>22/09/2024</b> ) Link:  • https://www.npmjs.com/package/gemini-transfer-image-support • https://github.com/quanntdev/npm-gemini-transfer-image-support
Technologies used	NodeJS, Gemini API

**Zileo** (06-2023 - now)

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Customer	APT Global Enterprise - A global company specializing in core projects based in Australia
Description	A professional platform that helps employers find potential jobs and candidates, then suggests jobs to candidates and sends emails to introduce job opportunities to them.
Team size	7
My position	Backend & Frontend Programmer
My responsibilities	Plan and implement backend user functions according to the requirements of the Leader and clients.  Plan, design, and implement the corresponding user interface on the Frontend according to the requirements of the Leader and clients.  Plan, analyze, and implement data crawling tasks from job search websites.  Integrate third-party services and data such as Uniple, Stripe, OpenSearch, Apollo, Bullhorn, etc., into the system.  Use the ChatGPT API to create a service for automatically generating emails. Coordinate with the AI team to obtain the necessary data.  Use basic English in communication with clients and the team.
Technologies used	Frontend: NextJS, Antd, Tailwind css Backend: NestJS (NodeJS), FastApi (Python), Redis Queue, Docker, Postgresql, Opensearch, Api sUniple, Stripe, OpenSearch, Apollo, Bullhorn, etc

**ADS AI System** (04/2024 - 06/2024)

Customer	Japanese
Description	A system in which users integrate the gg ads api and use the system's AI to generate AI modals to support advertising of products they want to sell to people.
Team size	5
My position	Backend Programmer
My responsibilities	Responsibilities: Plan the BE system design, deploy actions, and environment configuration Researching the ADS API and writing integration documentation for system integration.
Technologies used	Frontend : NextJS Backend : Laravel, MySQL, Ec2, Docker, Python

**B2B system - epro** (08/2023 - 05/2024)

Customer	Japanese
Description	A B2B (Business-to-Business) system is a platform designed to facilitate transactions and interactions between businesses rather than between a business and individual consumers. It serves as a digital marketplace where companies can buy, sell, and exchange goods, services, or information with one another. These systems often feature various functionalities tailored to meet the specific needs of businesses, such as bulk ordering, contract management, negotiation tools, and integration with enterprise resource planning (ERP) systems. B2B systems play a crucial role in streamlining supply chains, fostering collaboration between business partners, and optimizing procurement processes, ultimately driving efficiency and growth in the business ecosystem.
Team size	10
My position	Backend & Devops Programmer

My responsibilities	Position: Backend Programmer for the System Responsibilities: Plan the BE system design, deploy actions, and environment configuration
Technologies used	Frontend: NextJS Backend: NestJS (NodeJS), Postgresql, TypeORM, Ec2, AWS,

#### **Partner Management System**

(08/2022 - 05/2023)

Customer	Japan
Description	The project is a partner management system for a company in Japan. The system enables partners to communicate through messaging, chat, scheduling, payments, transfers, and provides investment consultation for small and medium-sized companies in Japan
Team size	9
My position	Frontend and Backend Programmer
My responsibilities	Receive client requests, analyze system requirements, design system functionality, liaise with clients regarding any arising issues
Technologies used	Backend : NestJS ( NodeJS ), websocket, firebase, stripeAPI , Frontend : NextJS

**CRM** (10/2021 - 08/2022)

Customer	Haposoft
Description	CRM is a customer relationship management project by Haposoft, encompassing functions such as order management, service tracking, customer database, invoicing, along with real-time chat integration and international payment capabilities.
Team size	10
My position	Frontend and Backend Programmer
My responsibilities	Position: Frontend and Backend Programmer for the System Responsibilities: Receive requests from clients (CEO), system analysis, system functionality design, interface design, handling security-related system issues
Technologies used	Frontend: NextJS Backend: NestJs (NodeJS), MySQL, TypeORM, Ec2, AWS, socket,

### **ACTIVITIES**

#### IT Supporter Club - Member

10-2020 - 6-2023

Engaged in activities and completed assigned tasks.

### **HONORS & AWARDS**

Received an encouragement award for school-level scientific research: Library book management system and social affairs page for students' work.

11 - 2022

#### **EDUCATION**

Hanoi University of Industry - Batch K15 - Information Technology / Information

09-2020 - 06-2024

Systems

Bachelor's degree in Information Systems

Basic level of English