# Tinh Nguyen

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## Summary

Experienced Junior Developer with a demonstrated history of working in the computer software industry. Skilled in Vue.js, React, PHP, JavaScript. Strong engineering professional with a Bachelor's degree focused in Information Technology from TDT University.

## Experience

### Frontend developer / Team Lead

COZWORK JOINT STOCK COMPANY

Jul 2023 - Mar 2024 (9 months)

Project Description:

This project provides healthcare services, allowing users to register for personalized care based on the information they provide. Administrators organize and dispatch staff to users' locations accordingly. Additionally, the system records daily tasks of staff based on predetermined work shifts. Leveraging the information logged by staff, doctors can suggest adjustments tailored to each patient's care plan.

Responsibilities:

- Implemented a specialized function that aligns with the project's requirements, optimizing the code.
- Collaborative code review among developers
- Ensured a comprehensive examination of the codebase, fostering a deeper understanding and facilitating improvements.

Technologies Used:

- Next 14 with Typescript, Atomic design, Material UI
- Kanjidate, shift-calendar libs
- Php laravel
- MySql
- Docker
- AWS, Ec2, S3
- CI/CD with github

### Web Developer / Team Lead

COZWORK JOINT STOCK COMPANY

May 2023 - Mar 2024 (11 months)

Project Description:

This project is related to US customers, it revolutionizes customer identity acquisition for e-commerce by capturing crucial information, even from visitors who don't complete transactions. Tailored for email list growth, the tool provides comprehensive insights into customer behavior, enabling e-commerce owners to create targeted and personalized campaigns. With a commitment to data security, this solution ensures a trustworthy approach to maximizing email list profitability and fostering customer loyalty in a dynamic online market.

Responsibilities:
- As a team leader, I took charge of implementing a specialized function designed to precisely align with the project's unique requirements, effectively optimizing the overall codebase.
- Facilitated collaborative code reviews among team members to ensure a comprehensive examination of the codebase. This process fostered a deeper understanding of the code and provided valuable opportunities for improvement.
- Maintained open communication channels with developers throughout the code review process, encouraging active participation and the exchange of constructive feedback.
- Ensured that all identified areas for improvement were addressed promptly and efficiently, resulting in an enhanced codebase and improved project outcomes.

Technologies Used:
- Frontend: React Typescript with shadcn UI
- Atomic design
- Landing page with wordpress
- Backend: NodeJS with Typescript, prisma
- PostgreSQL, Athena
- Python with site-checker to tracking user visit website
- AWS code commit, EC2, S3
- Integrate with Shopify, Zapier, Klaviyo, Hubspot, Magento, Braze and more in the furture
- CI/CD with Jenkins

## Team Leader
COZWORK JOINT STOCK COMPANY
Mar 2023 - Mar 2024 (1 year 1 month)
Project Description:
This project is related to Vietnam customer. The airline ticket booking project is an innovative online system designed to streamline the process of purchasing air tickets for users. This system provides an intuitive and user-friendly interface, allowing users to search for flights, compare ticket prices, and complete transactions conveniently. Additionally, the project integrates high-security features to protect users' personal information and payment details. By combining convenience and efficiency, the airline ticket booking project promises to deliver a fast, effective, and secure ticket booking experience for every journey.

Responsibilities:
- Implemented a specialized function that aligns with the project's requirements, optimizing the code.
- Collaborative code review among developers
- Ensured a comprehensive examination of the codebase, fostering a deeper understanding and facilitating improvements.

Technologies Used:
- NextJS with material UI, Atomic design
- NodeJS, MySQL, MongoDB
- Canvas, tinyMCE use for CMS customer
- Google recaptcha API
- Telegram Bot for reminder user before flight-time
- ZNS (Zalo's Notification Service)
- Payment services with payoo, Zalo Pay

- Integrate domestic airline HUB APIs of Vietnam airline, Bamboo, VietJet, .... and manage ticket sales processes.

### Team Leader
COZWORK JOINT STOCK COMPANY
Jul 2023 - Jan 2024 (7 months)
Project Description:
The system not only handles the rental of WiFi broadcasting devices in the airport but also manages payment transactions seamlessly. It facilitates the process of device pickup and return at designated locations within the airport premises, ensuring convenience for customers. Additionally, the system provides efficient tracking mechanisms to monitor the availability and status of devices, streamlining the overall rental experience for both users and administrators.

Responsibilities:
- Implemented a specialized function that aligns with the project's requirements, optimizing the code.
- Collaborative code review among developers
- Ensured a comprehensive examination of the codebase, fostering a deeper understanding and facilitating improvements.

Technologies Used:
- HTML-CSS-JS
- Php Laravel
- MySQL
- Docker

### Mobile Developer / Team Leader
COZWORK JOINT STOCK COMPANY
Aug 2023 - Dec 2023 (5 months)
Project Description:
The project is a business card app that provides support for NFC business cards, all we need is an NFC tag. One we have an NFC tag, we can write our digital business card to it, allowing we to share our card with anyone with single tap.

Responsibilities:
- Led the implementation of a specialized function to optimize code alignment with project requirements.
- Facilitated collaborative code reviews among developers to ensure thorough examination of the codebase.
- Ensured comprehensive scrutiny of the codebase, fostering understanding and enabling targeted improvements.
- Promoted continuous improvement by leveraging feedback from code reviews to refine processes.

Technologies Used:
- React Native, Atomic design
- NestJS with Typescript
- Admin website with React vristo template
- Shopify integration
- AWS, EC2, S3

## Team Leader

COZWORK JOINT STOCK COMPANY

Apr 2023 - Sep 2023 (6 months)

Project Description:

This project is related to Japan customer. Cultivating a robust system for pharmacy management, this initiative establishes a countrywide grid of drugstores throughout Japan. It empowers users to seamlessly place orders remotely, bypassing the necessity for in-person visits.

Responsibilities:

- Examined the source code of the project to understand its structure and functionality, pinpointing areas that required attention and improvement.
- Developed and integrated a targeted function, aligning with the project's specifications to address identified issues and enhance overall performance.
- Conduct a collaborative code review with team members.

Technologies Used:

- Angular, material UI
- Scalar
- MySQL

## Web Developer / Team leader

COZWORK JOINT STOCK COMPANY

Feb 2023 - Aug 2023 (7 months)

Project Description:

This ERP project aims to streamline accounting processes within enterprises by providing comprehensive features for invoice aggregation and expenditure management. It facilitates efficient consolidation of invoices from various sources and tracks both income and expenses effectively. Additionally, the system ensures accurate financial data recording and reporting, enhancing transparency and compliance with regulatory requirements. Its user-friendly interface and robust functionalities empower accounting professionals to optimize their workflows and make informed financial decisions.

Responsibilities:

- Implement client requirements accurately to meet project objectives.
- Identify and resolve issues or bugs promptly to ensure system functionality.
- Conduct thorough code reviews to maintain high-quality standards.
- Communicate effectively with clients to manage project progress and satisfaction.

Technologies Used:

- Angular vs material UI and story book
- Java Spring Boot
- Micro-service architecture
- Monitor application with prometheus, new relic
- Docker, redis

## Frontend Developer

COZWORK JOINT STOCK COMPANY

Jul 2022 - Feb 2023 (8 months)

Project Description:

The project aims to provide a system for software development teams to easily create and manage project documentation such as design documents, wikis, and flow diagrams for each project. Similar to draw.io, the system allows users to visually design various types of documents and seamlessly collaborate and share them within the team. It also features version control, access permissions, and integration with other development tools like GitHub to optimize workflow efficiency.

Responsibilities:
- Implement client requirements accurately, maintaining alignment with project goals.
- Resolve issues and bugs promptly to uphold system integrity and functionality.
- Conduct thorough code reviews to ensure high-quality solutions.
- Manage client communication and feedback to drive project success and satisfaction.
- Custom libs adapt to UI design and business flow

Technologies Used:
- React Typescript, Material UI
- JointJS libs
- Atomic Design
- Php Laravel
- MySQL
- Docker

## Mobile Developer
COZWORK JOINT STOCK COMPANY
Apr 2022 - Aug 2022 (5 months)
Project Description:
The application records, aggregates, and analyzes evaluations provided by elderly users, aiding physicians in making accurate assessments during diagnosis and treatment. By leveraging data from elderly users, the app provides valuable insights into their health status and needs, enabling healthcare providers to offer personalized care. This innovative approach enhances diagnostic accuracy and treatment effectiveness, ultimately improving the quality of care for elderly patients.

Responsibilities:
- Implement client requirements accurately and align with project goals.
- Resolve issues and bugs promptly to uphold system integrity.
- Conduct thorough code reviews to ensure quality and collaboration.
- Manage client communication and feedback for project progression.

Technologies Used:
- Kotlin, Swift
- Google Calendar, Google Ads, Firebase
- Php Laravel, MySQL

## Mobile Developer
COZWORK JOINT STOCK COMPANY
Nov 2021 - Apr 2022 (6 months)
Project Description:
The system caters to fans of a Japanese music group, granting access to information about their favorite group only to registered members with accumulated points. Access to specific content varies

based on the member's rank within the group, with higher ranks unlocking more detailed content. This tiered access system incentivizes fan engagement and loyalty while providing personalized experiences based on membership status.

The application serves as a hotel booking platform and doubles as a room key. Users can book hotel rooms through the app and, upon arrival, use it to unlock their assigned room. This dual functionality streamlines the check-in process for guests, offering convenience and efficiency. By integrating booking and room access, the app enhances the overall hotel experience for guests.

Responsibilities:
- Simultaneously manage the development of two mobile projects, ensuring efficient allocation of resources and adherence to project timelines.
- Implement client requirements accurately and meticulously to achieve project goals.
- Quickly address and resolve any issues or bugs to uphold system integrity and performance.

Technologies Used:
- Kotlin
- Swift
- Realm
- SQLite
- Firebase

## Web Developer

COZWORK JOINT STOCK COMPANY

Apr 2021 - Oct 2021 (7 months)

Project Description:

The system serves as a centralized hub where architects can showcase their architectural designs to a wide audience. It allows architects to publish their portfolios, including various house models and designs, along with detailed descriptions and visual representations. Clients can easily access these designs, browse through different options, filter based on preferences such as style, size, or features, and quickly find the designs that best suit their needs. Additionally, the system may offer features such as virtual tours, 3D renderings, and interactive floor plans to provide clients with a comprehensive understanding of each design before making a decision.

Responsibilities:
- Execute the development of frontend components, breathing life into design blueprints and user interface concepts with the latest tools and technologies.
- Drive the creation of backend logic and features, orchestrating the seamless integration of frontend elements with robust backend functionalities.
- Serve as a direct point of contact for clients, adeptly managing their requests and feedback to facilitate seamless project advancement and client satisfaction.

Technologies Used:
- HTML 5, CSS 3, JS (client-side)
- VueJS with Nuxt and vuetify (admin-side)
- PHP Laravel
- MySQL

## Web Developer

COZWORK JOINT STOCK COMPANY

Jun 2021 - Aug 2021 (3 months)

Project Description:

The corporate event management system facilitates detailed planning, employee coordination, attendee registration, and cost estimation for events. It streamlines the organization process by allowing users to create comprehensive event plans, manage employee involvement, and track attendee registration. Additionally, it helps in budgeting by estimating costs and tracking expenses, while also providing analytics to evaluate event success and inform future planning decisions.

Responsibilities:

- Architect and execute the database structure, meticulously crafting it to align with project specifications and scalability requirements.
- Implement visually appealing and user-friendly frontend components, aligning with design guidelines and user experience principles to enhance usability.
- Manage the end-to-end system workflow, overseeing database design, frontend and backend implementation

Technologies Used:

- VueJS with Nuxt Framework
- Vuetify template
- Php Laravel
- Kotlin vs Swift
- MySQL
- Docker

## Web Developer

COZWORK JOINT STOCK COMPANY

Jun 2021 - Aug 2021 (3 months)

Project Description:

The clinic management system efficiently handles patient records and medication inventory, enabling seamless medication dispensing directly from the system. It diligently records and evaluates patient conditions throughout their treatment journey, facilitating informed decision-making by healthcare providers. By streamlining operations and enhancing patient care quality, the system ensures optimal clinic performance and improved treatment outcomes.

Responsibilities:

- Seamlessly migrate legacy code to modern frameworks, ensuring compatibility and efficiency.
- Refactor existing logic to align with updated requirements and improve overall system performance.
- Conduct thorough testing to validate the functionality and integrity of the migrated code.

Technologies Used:

- React Typescript with Material UI
- Php Laravel
- MSQL

## Web Developer

COZWORK JOINT STOCK COMPANY

Feb 2021 - Jun 2021 (5 months)

Project Description:

The application is designed to monitor the health of patients, where doctors set up questions and provide assessments based on patients' responses. It records any abnormal symptoms reported by the patient to adjust the treatment plan promptly.

Responsibilities:

- Architect and execute the database structure, meticulously crafting it to align with project specifications and scalability requirements.
- Implement visually appealing and user-friendly frontend components, aligning with design guidelines and user experience principles to enhance usability.
- Manage the end-to-end system workflow, overseeing database design, frontend and backend implementation

Technologies Used:

- VueJS with Nuxt Framework
- Vuetify template
- Php Laravel
- Kotlin vs Swift
- MySQL
- Docker

### ◢◤ Web Developer

COZWORK JOINT STOCK COMPANY

Sep 2020 - Jan 2021 (5 months)

Project Description:

This project related to Japan customer. The system manages the rental, purchase, and sale of WiFi broadcasting devices. It includes customer support, inventory management, evaluation of sales staff competence, and comprehensive reporting.

Responsibilities:

- Execute client requirements according to the provided designs and specifications.
- Promptly detect and resolve any issues or bugs arising during the development process.
- Conduct thorough code reviews of fellow team members to ensure code quality and adherence to project standards.
- Directly receive and consolidate client requests, facilitating smooth project progression.

Technologies Used:

- HTML 5, CSS 3, Bootstrap, JQuery
- Java Spring Boot
- MySQL, Mybatis

### ◢◤ Web Developer

COZWORK JOINT STOCK COMPANY

Jun 2020 - Sep 2020 (4 months)

Project Description:

Nowadays, users commonly possess multiple cloud accounts, including but not limited to Google Gmail, Microsoft Outlook, Google Calendar, and Exchange Calendar. The primary objective of the application is to facilitate seamless connection and integration of these diverse cloud channels. By consolidating all integrations into a single platform, management becomes significantly more efficient, flexible, and versatile. Moreover, the application streamlines payment processes by centralizing them into one convenient location. Users can monitor their transactions, manage them, and exercise control over their financial activities with ease.

Responsibilities:
- Implement client requirements based on provided designs.
- Address issues related to system errors promptly and effectively.
- Research relevant technologies and propose suitable solutions for system enhancements or optimizations.
- Handle the entire system workflow, including designing the database, implementing frontend features, and developing backend functionalities, to ensure a cohesive and integrated system architecture.

Technologies Used:
- React Typescript with Material UI
- Php Laravel Framework
- MySQL, Elastic Search
- Docker

### Frontend Developer
COZWORK JOINT STOCK COMPANY
Apr 2020 - Aug 2020 (5 months)
Project Description:
This is a comprehensive human resource management system tailored for smaller-scale operations. It encompasses functions such as personnel data management, attendance tracking, performance evaluation, task assignment, progress monitoring, and reporting. The system facilitates seamless coordination and enhances productivity by streamlining administrative tasks and providing insights into employee performance and project progress.

Responsibilities:
- Directly engage with clients to receive and consolidate their requests, facilitating smooth progression of tasks.
- Conduct code reviews for fellow team members, ensuring adherence to coding standards and best practices.
- Fix issues during the development process.
- Implement client requirements according to the provided design specifications.

Technologies Used:
- Angular with Material UI
- API integration with Java Spring Boot
- Micro-service architecture
- MySql
- React Native framework for cross-platform mobile application development

### Web Developer

## COZWORK JOINT STOCK COMPANY

Dec 2019 - Apr 2020 (5 months)

Project Description:

This is a personnel management system implemented in the workshop, designed to facilitate operational planning, ensure quality control of tasks, and report on progress.

Responsibilities:

- Listen to clients directly, gather their requests, and organize them for action to keep everything running smoothly.
- Check and give feedback on teammates' code to make sure it follows the right standards and works well.
- Spot and fix any problems or bugs that pop up during development quickly to keep the project on track.
- Carry out client requests based on their designs, making sure to meet their needs and goals.

Technologies Used:

- Angular 8 with ant design template
- API integration with Java Spring Boot + MYSQL
- Mobile with Ionic 4
- Python script triggers an alarm, indicating the start of the plan

## Intern Mobile Application Developer

FABA Technology

May 2019 - Sep 2019 (5 months)

Project Description:

The Motorcycle Helper app aims to provide motorcycle riders with a convenient solution for locating nearby repair shops and service centers. Utilizing GPS technology, users can easily find the closest facilities based on their current location, ensuring quick access to essential maintenance services whenever needed. The app will also offer additional features such as user reviews, service ratings, and contact information to enhance the user experience and facilitate informed decision-making when selecting a repair shop.

Responsibilities:

- Develop efficient and user-friendly UI/UX interfaces for seamless navigation within the app. Implement robust backend functionality to handle location-based searches and retrieve relevant information about nearby repair shops.
- Collaborate closely with the design team to ensure alignment with detailed designs and Functional/ Requirement Specifications.
- Conduct thorough testing and debugging to identify and resolve incidents and bugs promptly, maintaining the app's reliability and performance.

Technologies Used:

- Kotlin programming language for writing clean, concise, and maintainable codebase.
- Utilization of SQLite database for storing and managing location data and user preferences efficiently.
- Integration of Google Places services API to retrieve accurate and up-to-date information about nearby repair shops and service centers.

- Implementation of advanced location-based features such as geocoding, reverse geocoding, and distance calculation to enhance the app's functionality and usability.

## Education

**Ton Duc Thang University**

Information Technology

Sep 2016 - Sep 2022

## Skills

Android  •  Google Maps  •  Vietnamese  •  Laravel  •  SQL  •  Angular  •  Kotlin  •  React.js  •  Java  • C#