TRAN QUOC VIET

Senior Software Engineer

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Take advantage of skills, experience, and understanding to become a Senior Technical Engineer. From there, I will contribute to the development of the company.

Contact information

📅 **Feb 25, 1996**

✉️ **tranquocviet226@gmail.com**

📱 **0346718110**

🌐 **https://github.com/tranquocviet226**

🏠 **Da Nang, Vietnam**

Skills

• Javascript/Typescript

Proficient in JavaScript and TypeScript for developing dynamic and type-safe applications. Experienced in ES6+ features, asynchronous programming, and modern JavaScript libraries and frameworks.

• React JS

Expertise in building single-page applications (SPAs) using React. Skilled in component-based architecture, state management (using Redux, Context API), and optimizing performance for web applications.

• Next JS

Proficient in using Next.js for server-side rendering, static site generation, and optimizing performance for React applications. Proficient in building full-stack applications with Next.js.

Education

• Major: Mobile Developer

FPT Polytechnic College | Aug 2018- Nov 2020

GPA: 3.2/4

• Activities

FPT Edu Hackathon 2019 | Nov 2019- Jan 2020

Contributed to projects focused on environmental sustainability in the era of Industry 4.0

Work experience

• Software Engineer

VNEXT Software | June 2020- Oct 2021

- Assigned to Front-End team to build web and mobile apps.
- Participated in designing API for applications.
- Leveraged knowledge in Javascript, React JS, React Native, NodeJS, PHP, Git.

• Software Engineer

CMC Global | Oct 2021- Jun 2022

- Leader of the Front-End team to build a high-level UI library based on React JS and Material UI.
- Participated in development of components: GroupTable, HorizontalBarChart, WafermapPlot, ScatterChartPlot,...
- Leveraged knowledge in Javascript, React JS, Storybook, Git, Jira, Agile, svg, canvas, webgl.

• Node JS

Experienced in server-side development using Node.js. Familiar with building RESTful APIs, handling basic asynchronous operations, and basic integration with various databases and third-party services.

• Other

React Native
Firebase, PostgreSQL, MySQL, MongoDB
Python, Django
AWS EC2, Nginx, Deployment
Git, npm
Figma

Certificates

• Meta Full-Stack Engineer Certificate

https://www.credly.com/badges/a846bbc3-c01f-4adb-b956-bad0c7cb1f52

• Meta Front-End Developer Certificate

https://www.credly.com/badges/9afafd2d-d254-443c-acc0-12bbb74885dc

• Meta Back-End Developer Certificate

https://www.credly.com/badges/facd6c60-3041-43f2-b0b3-35ba28a2ece0

• JavaScript (Intermediate) Certificate

HackerRank

• JavaScript Algorithms and Data Structures

freeCodeCamp

Links

Linkedin: https://www.linkedin.com/in/rem-dev
Facebook:
https://www.facebook.com/tranquocviet226
X: https://x.com/corodomo_study
Product: https://corodomo.com
Blogs: https://ngontumathuat.com

• Software Engineer

Terralogic │ **Jun 2022- Present**

- Assigned as the leader of the Front-End team for the HROS project.
- Participated in the development of modules: Onboarding, Offboarding, Timesheet, Timeoff, Ticket Management, Project Management, Customer Management, Expense, and Resource Management, and integrated a simple social network on the platform.
- Applied new technology to the project: Micro-frontend with Module Federation.
- Built a UI library called Pax-UI based on TypeScript, React, TailwindCSS, published the package to GitHub Packages, responsible for maintaining and supporting the others team using this library.
- Leveraged knowledge in TypeScript, JavaScript, ReactJS, NextJS, Antd, TailwindCSS, Storybook, Redux Toolkit, Redux Toolkit Query, react-hook-form, yup, i18next, and more.

Projects

• HROS - Human Resources Operating System

HROS is a comprehensive platform designed to streamline and automate various HR processes. The system includes modules for Onboarding, Offboarding, Timesheet, Timeoff, Ticket Management, Expense Management,...	**Jun 2022- Present**

Role: Frontend Engineer / Team Leader
Responsibilities

- Received and analyzed tasks, provided accurate estimates, and assigned tasks to team members.
- Regularly reviewed code to ensure quality and adherence to best practices.
- Built source code and implemented a new architecture: Microfrontend with Module Federation.
- Built source code and implemented a new architecture: Microfrontend with Module Federation.
- Supported team members in problem-solving and maintained the UI library for scalability and performance optimization.
- Optimize product for SEO.

Tech stack
- Javascript, Typescript.
- React JS, Next JS.
- Node JS, micro service.
- MySQL, MongoDB.
- Micro-frontend with Module Federation.
- Redux toolkit, RTK Query, TailwindCss, react-hook-form, yup, next-i18next,...
- Built UI lib with Storybook, Headless UI.

Link:
- https://paxanimi.ai
- https://shorturl.at/jFkoQ

• Corodomo - Study Motivation Hacker (personal project)

Corodomo is an innovative learning platform! an app designed to boost focus and productivity.

Mar 2024- Oct 2024

Role: Full-stack Engineer / Founder

Responsibilities
- Managed all aspects of the project, from task analysis and estimation to development and deployment.
- Built the project using TypeScript with a modern frontend stack, including React JS and Next.js 14 App Router.
- Developed the frontend interfaces, ensuring responsive design and seamless user interactions.
- Developed the backend services, managing API interactions and database operations.
- Integrated various key features, including AI-driven language learning, to enhance user engagement.
- Optimized the product for SEO to improve visibility and user acquisition.
- Implemented analytics tools to gather user feedback, allowing for iterative improvements based on insights.
- Launched the product on Product Hunt, driving initial user engagement and feedback.

Tech stack:
- Typescript.
- Next JS 14 app router.
- Database PostgreSQL.
- Prisma as ORM.
- TailwindCss, NextUI.
- Next auth v5, redux toolkit, RTK Query, react-hook-form, zod, Next Intl.
- Socket.io, webRTC, mediasoup.
- Lemonsqueezy for payment.

Features:
- Focus Timer with Pomodoro.
- Personalized Themes, ambient sounds, playlist, effects,...
- Todo List & Focus Stats .
- Remote team collaboration and project management.
- AI-Driven Language Learning through Short Videos.
- Language mock tests & fashcard, quiz, writing practice.

Link:
- https://corodomo.com

Sources: private

• Easier

Easy is a software solution - based on AI + visualization for semiconductor industry. Easier (easy interaction resources) is UI library for easy frontend.	**Oct 2021- Jun 2022**

Role: Frontend Developer / Team Leader

Responsibilities:
- Received and analyzed tasks, provided accurate estimates, and assigned tasks to team members.
- Regularly reviewed code to ensure quality and adherence to best practices.
- Participated in the development of key components of the project
- Researched new charting technologies, and explored various drawing technologies such as SVG, Canvas, and WebGL.
- Optimize chart performance.

Tech stack:
- Javascript
- React JS
- Storybook, material UI
- Jest test
- d3 js, svg, canvas, webgl

Features:
- Built chart components
- EuiGroupTable, EupGroupBarPlot, EupWafermapPlot, EupScatterPlot, EupHistogramPlot,...
- Custom multi language system.

Sources: private

• Ngontumathuat (personal project)

A personal blog and forum website for the Japanese, English and IT community.	**Mar 2022- Jun 2022**

Role: Developer

Responsibilities
- Developed the frontend interfaces, ensuring responsive design and seamless user interactions.

- Participated in the development of backend services, managing API interactions and database operations.
- Optimized the product for SEO to improve visibility and user acquisition.

Tech stack:
- Typescript
- Next JS
- Firebase
- TailwindCss
- Algolia search
- Redux toolkit, react hook form, yup,...

Features:
- Sign in with Google, Facebook
- Displaying Article Lists, Recommended Posts, and Related Articles
- Post Creation, Editing, and Deletion Functionality
- Search post with Algolia.
- Like, comments and share.
- User and post management.
- Email Digest.
- Optimize for SEO
- Multiple languages.

Link:
- https://ngontumathuat.com

• Honda-Dros

Honda-Dros is an application used to manage stores of Honda Vietnam, an application that helps save customer information, inspect, repair and replace parts.	**Aug 2021- Oct 2021**

Role: Frontend Developer
Responsibilities:
- Estimated tasks and developed key functions to ensure efficient project timelines and deliverables.
- Integrated APIs to facilitate seamless communication between the frontend and backend services.
- Participated in designing several APIs to enhance application functionality and performance.
- Collaborated with cross-functional teams to implement user-friendly features and improve overall user experience.

Tech stack:
- Backend: Nest JS, Typescript, MySQL, Redis,...
- Frontend: React native, Typescript, Redux-thunk

Features:
- Authentication, notifications, mailer
- Customer manager
- Dealer manager
- Health check
- Repair service,...

• Nishimu

A web-app about IoT project used in agriculture, collects data from sensors and gives warning to users. | **Jan 2021- Oct 2021**

Role: Frontend Developer
Responsibilities:
- Estimated tasks and developed key functions to ensure efficient project timelines and deliverables.
- Contributed to coding the user interface (UI) to create visually appealing and responsive layouts.
- Integrated APIs to facilitate seamless communication between the frontend and backend services.
- Participated in designing several APIs to enhance application functionality and performance.
- Collaborated with cross-functional teams to implement user-friendly features and improve overall user experience.

Tech stack:
- Backend: Nest JS, Typescript, MongoDB, Nest Js
- Frontend: *React JS, Javascript, redux thunk, react router, google api*

Features:
- Authentication, notifications
- Integrate Google Maps to display sensors, sensor temperature, humidity,...
- Build chart to analyze sensor data
- Sensor management, notification management, note management, ioT service

• Smart shopping

An ecommerce websites | **Jan 2021- June 2020**

Role: Frontend Developer
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- Integrated APIs to facilitate seamless communication between the frontend and backend services.
- Participated in designing APIs to enhance application functionality and performance.
- Collaborated with cross-functional teams to implement user-friendly features and improve overall user experience.

Tech stack:
- PHP, Laravel, MySQL
- React native, redux-thunk, navigation

Features:
- Authentication, notifications, cart, orders, payment, mailer
- Admin management, product management, coupon Management,...
- Affiliate, CMS,...