

Vo Truong Son (Andy Vo) – Senior Fullstack Engineer

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Portfolio: <https://andy-vo-portfolio.vercel.app/>

SUMMARY

Highly skilled Fullstack Engineer with nearly six years of front-end experience and four years in back-end development, specializing in building responsive and user-friendly web applications. Proficient in modern frameworks such as ReactJS, NextJS, and Redux for front-end development, and NestJS and ExpressJS for back-end development. Experienced with PostgreSQL, MySQL, and MongoDB for database management. Demonstrates a strong ability to optimize back-end processes for improved execution times and system scalability. Adept at translating complex requirements into seamless, efficient, and scalable applications while collaborating effectively with cross-functional teams. Skilled in integrating third-party APIs and ensuring robust system performance. Passionate about adopting new technologies to enhance development workflows and user experiences.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript
 - **Front-end Frameworks & Libraries:** React.js, Next.js, Vue.js
 - **Back-end:** NestJS, ExpressJS, Redis, Bee Queue, Google Pub/Sub API
 - **Databases:** PostgreSQL, MySQL, MongoDB
 - **Mobile Development:** React Native, Android
 - **DevOps & Cloud:** Docker, Microservice, AWS (S3, CloudWatch, EventBridge, Secrets Manager, RDS, ECS)
 - **UI/UX & Styling:** Tailwind CSS, MUI, Ant Design, Bootstrap, Figma, ChartJs, Re-ChartJs
 - **State Management:** Redux, Redux Saga, Redux Toolkit, Zustand
 - **Performance Optimization:** Code splitting, Lazy Loading, Virtualization
 - **Build Tools:** Vite, Webpack
 - **Other Tools:** GraphQL, Git, Jira, Agile, REST APIs
 - **Languages:** Intermediate English
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PROFESSIONAL EXPERIENCE

Relia System (Vietnam) – Software Engineer

01/2020 – Present

Project: Nxsys Payroll Software (Timesheet & Payroll System)

- **Team Size:** 7 members (3 Full-Stack Developers, 2 Testers, 1 PM, 1 DevOps Engineer)
- **Description:** A CMS web application that allows agencies and companies to create and manage timesheets, calculate taxes, raise invoices, and process tax payments to HMRC in the UK. The system has been in production for over three years, serving more than 30 companies and managing 2,000 to 5,000 employees.
- **Technologies:**
 - **Front-end:** ReactJS, Redux, Redux Saga, Bootstrap, MUI, Vite
 - **Back-end:** NestJS, PostgreSQL, Redis Queue, Microservice

- **Responsibilities:**
 - Built and maintained a responsive CMS web application for managing timesheets, tax calculations, and invoicing
 - Designed and implemented scalable front-end architecture
 - Researched and integrated CIS 300, FPS, and EPS APIs to submit employee tax data to HMRC UK
 - Collaborated with back-end developers to optimize API performance
 - Migrated queue jobs from Redis to database-based processing to reduce Redis costs
 - Optimized queries and job execution, reducing execution time
 - Enhance the stability of background job server by using a queue technique
 - Provided daily task status reports to clients
 - Providing weekly support for production issues during client working hours.
 - Collaborating with colleagues to troubleshoot and find solutions when facing complex challenges
- **Project Reference:** [Nxsys Portal](#)

Project: Uthrive (Finance & Service App)

- **Team Size:** 6 members (1 Mobile Developer, 3 Back-end Developers, 1 Scraper, 1 Front-end Developer)
- **Description:** A finance and service app that calculates potential earnings and savings based on credit card usage. Users can register as premium members to access exclusive bank offers in the US.
- **Technologies:**
 - **Mobile:** React Native
 - **Back-end:** NestJS, AWS services, MySQL
 - **Web:** ReactJS, Redux Toolkit
- **Responsibilities:**
 - Led front-end development for a finance app to help users track credit card offers
 - Developed React Native features and web components
 - Implemented in-app purchases and AWS EventBridge for scheduled tasks
 - Managed cron jobs to send weekly reports, campaign plans, and warning emails via AWS EventBridge, S3, CloudWatch, Secrets Manager, and Batch Jobs
- **Project Reference:** [Uthrive App](#)

Project: Bakkt Wallet (Crypto Trading App)

- **Team Size:** 9+ members (3 Front-end Developers, 4 Back-end Developers, 2 Testers, 1 Scrum Master)
- **Description:** A crypto wallet app that enables users to trade cryptocurrencies.
- **Technologies:**
 - **Mobile:** React Native, GraphQL, Monorepo
 - **Web:** ReactJS, GraphQL, Context API
 - **Proxy:** ExpressJS, GraphQL
- **Responsibilities:**
 - Reviewed and scored front-end tickets.
 - Developed React Native and ReactJS components for the crypto wallet
 - Worked with GraphQL for efficient API fetching and data management
 - Participated in team meetings and discussions to improve workflows

Project: HubCV (Professional Networking Platform)

- **Team Size:** 4 members (1 Front-end, 2 Back-end, 1 Tester)
- **Description:** A social networking platform where users can upload CVs, create courses, and participate in seminars.
- **Technologies:** ReactJS, Redux, Redux Saga, Ant Design
- **Responsibilities:**
 - Developed a responsive social networking platform

- Transformed Figma designs into fully responsive components

Project: Glowie (Music Contest Platform)

- **Team Size:** 6 members (2 Front-end, 2 Back-end, 2 Testers)
- **Description:** A social network for online singing contests where users can compete and earn rankings.
- **Technologies:** ReactJS, Redux, Redux Toolkit
- **Responsibilities:**
 - Maintained and improved the social platform
 - Implemented ranking, voting, and gifting features
- **Project Reference:** [Glowie App](#)

Project: App studio for rent

- **Team size:** 4 members (1 front-end, 2 back-end, 1 tester)
- **Description:** This is a platform that connects studios with artists and musicians. The studios can upload detailed information about their available spaces, including images, descriptions, and pricing. Artists or musicians can browse the listings, select suitable spaces, and proceed to rent them via a seamless checkout process. The platform focuses on offering a user-friendly experience with features like real-time availability, personalized suggestions, and efficient booking workflows.
- **Teachnology:**
 - ReactJs, Redux, Redux Saga
- **Responsibilites:**
 - Implement intuitive and responsive
 - Manage global state for efficient data handling and user interaction using Redux
 - Handle side effects and asynchronous calls via Redux Saga for a smooth user experience
 - Ensure compatibility across devices and browsers with proper testing and debugging

Other Projects:

Relia CMS (NextJs), TicketToWin (ReactJs), Fareast247 (VueJs), BlueChip

Freelancer ReactJs

03/2023 – 01/2025

Project: Safira (AI-Powered Blogging Platform)

- **Team size:** 5 members (2 front-end, 2 back-end, 1 Tester)
- **Description:** The web-app using the openAI APIs to generate the blog content.
- **Teachnology:**
 - ReactJs, Redux Toolkit, OpenAI API
- **Responsibilites:**
 - Used OpenAI APIs to generate blog content, images, and voice synthesis
 - Developed new front-end features and improved UI responsiveness

Project: Cannivas (E-commerce Platform)

- **Team size:** 6 members (3 front-end, 2 back-end, 1 QA)
- **Description:** The shopping web-app.
- **Teachnology:**
 - NextJs, Redux Toolkit, TailwinCSS, Webpack
- **Responsibilites:**
 - Built key front-end features such as checkout, cart, and product components

- Optimized UI/UX for a seamless shopping experience

Freelancer CB Banking (Viet Nam) – React Native Engineer

03/2022 – 03/2023

Project: CBWay (Mobile banking App)

- **Team size:** over 10 members (1 design, 1mobiles, 1 back-end, partners team, testing team)
- **Description:** Mobile banking app of CB banking.
- **Teachnology:**
 - Mobile: React Native, Android Native module, Ios Native module
 - VNPT AI Image Processing
 - VeitQR, Napas
- **Responsibilites:**
 - Fixing the source code to ensure it runs properly
 - Imlementing the EKYC online, video call feature
 - Handling Transfer and checkout features using VietQR, Napas
- **Project reference:** [CBWay IOS](#) | [CBWay Android](#)

Collaborator with VOH Radio – ReactJS

01/2019 – 01/2020

Project: VOH Recorder

- **Team size:** over 10 members (1 design, 1mobiles, 1 back-end, partners team, testing team)
 - **Description:** The WebApp is used to recording the traffic new from listener and give it to MC to broadcast to radio listeners. The webApp aslo statistics traffic information to have a large view about the traffic of city.
 - **Teachnology:**
 - ReactJs, Redux, MUI
 - **Responsibilites:**
 - Implentating all the project
 - Meeting with VOH leader to get the requirement, the feedback to improve
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EDUCATION

Ho Chi Minh City University of Technology

09/2015 – 01/2020

Degree: Engineer of Computer Science

HOBBIES & INTERESTS

- Reading IT blogs (Medium, Dev.to)
- Traveling
- Aquarium keeping