Bui Van Nam

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Portfolio: https://nambv.tech/

SKILLS

- **Frontend**: React.js, Next.js, TypeScript, Flutter, Dart

- **State Management**: Redux Toolkit, Redux, Redux-saga, Zustand, Recoil, ContextAPI, BLoC, Riverpod

- **Backend Database**: Node.js, Nest.js, PostgreSQL, Prisma, Drizzle, Supabase

- **Web3 Blockchain**: Ethers.js, Viem, Rainbowkit, Web3dart, Wagmi, Smart Contracts

- **DevOps Tools**: Nginx, Docker, AWS, Vercel, Railway, Render, Netlify, CI/CD, Jenkins

- **Others**: Webauth, Cognito, Onfido, Tailwindcss, Shadcn/ui, MUI, Antd, PWA, Vite, Webpack, Monorepo, Turbopack, Tanstack (query, table)

OBJECTIVE

Senior Front-End Developer with 6+ years specializing in modern JavaScript ecosystems, cross-platform development, and Web3 integration. Deep expertise in React/Next.js architecture, performance optimization, and building scalable applications. Passionate about exploring cutting-edge technologies and solving complex technical challenges.

EXPERIENCE

- **FPT software**   Nov. 2023 - Now
  Front-End Developer
  - **Architected 4 cross-platform WebOS TV applications using Flutter and Dart**
    * Implemented complex state management with Riverpod for scalable architecture.
    * Managed application state using Riverpod for scalable and maintainable architecture.
    * Ensured smooth integration with WebOS-specific APIs and platform constraints.
    * Collaborated with QA and product teams to deliver stable releases on schedule.
    * Tech-stack: *Dart, Flutter, WebOS, Riverpod.*
  - **An internal LG project**
    * Setup structure for Project.
    * Built responsive, multilingual UI using React.js, Tailwind CSS, Shadcn/UI, and React-i18n (Korean English).
    * Managed state with Redux Toolkit and handled data fetching with RTK Query.
    * Developed complex table features using TanStack Table.
    * Implemented responsive design principles.
    * Collaborated closely with designers and backend developers to ensure seamless integration.
    * Set up and managed multiple environments (Production, Staging, Test, Dev) using Docker and Nginx.
    * Maintained code quality and consistency with Prettier, ESLint, Husky, and Storybook.
    * Tech-stack: *TypeScript, React.js, Redux Toolkit, RTK Query, Tailwind CSS, Shadcn/UI, React-i18n, Docker, Nginx.*

- **Personal Project**
  FullStack Developer
  - **Wedflip.com – Custom Wedding Invitation Landing Page Builder**
    * Developed the frontend using Next.js and React.js, styled with TailwindCSS and Shadcn/UI.
    * Managed application state with Zustand, and handled data fetching using TanStack Query.
    * Built and integrated Supabase for authentication, real-time data sync, and PostgreSQL as the database.
    * Implemented custom domain setup and deployed full-stack app on Vercel.

* Integrated AI capabilities using LLM (Large Language Models) to automatically generate personalized wedding plans based on user inputs. Maintained high code quality and team consistency using Prettier, ESLint, Husky, and Storybook.
* Tech-stack: *TypeScript, Next.js, React.js, Zustand, TailwindCSS, Shadcn/UI, Supabase, PostgreSQL, TanStack Query, LLM Integration (AI)*

○ **Zapptrue.com – Personalized Apparel Customized Gifts Platform**
* Designed and implemented responsive UI using Tailwind CSS and Shadcn/UI across both client and admin sides.
* Developed the frontend with Next.js and TypeScript, using Zustand for state management.
* Built the backend with Prisma ORM, Supabase for authentication, and PostgreSQL as the database.
* Created a custom CMS with React.js, Clerk (auth), and Cloudinary for managing products, assets, and users.
* Implemented SSR and efficient data fetching using TanStack Query.
* Developed and deployed full-stack features across client and CMS admin panel.
* Set up multi-environment CI/CD pipelines (Production, Staging, Testing, Development) via Vercel.
* Configured custom domains for production: zapptrue.com (client) and cms.zapptrue.com (CMS).
* Ensured high code quality and team consistency using Prettier, ESLint, Husky, and Storybook.
* Tech-stack: *Next.js, React.js, TypeScript, Zustand, TanStack Query, Prisma, Supabase, PostgreSQL, Tailwind CSS, Shadcn/UI, Clerk, Cloudinary, Vercel*

• **Quorumex**
Fullstack/mobile Developer

○ **MTD-TAX - A web-based platform supporting users and agencies in filing taxes and synchronizing with HMRC (UK tax authority).**
* Architected and bootstrapped the platform using a monorepo setup (Turborepo) for seamless FE/BE integration.
* Implemented authentication flows: Sign-in/Sign-up, OTP verification, and session management with JWT.
* Integrated with HMRC API to sync user accounts and retrieve real-time tax information.
* Developed and maintained end-to-end features including dashboards, data forms, error handling, and user settings.
* Deployed the complete system including backend, frontend, and database using Railway for CI/CD.
* Tech-stack: *Turborepo, Nextjs, Nestjs, Postgresql, Sendmail, Shadcn/ui, Tailwindcss, JWT, Railway, Tanstack/query, Next-auth, Zustand*

○ **Frctnl - A fintech platform that enables users to invest in fractionalized assets with secure identity and wallet handling.**
* Developed User Service for handling authentication and user management.
* Implemented Sign-in/Sign-up flow using AWS Cognito and WebAuth, with KYC verification via Onfido.
* Designed and implemented responsive UI with a mobile-first approach using TailwindCSS Shadcn/UI.
* Integrated Magic to create and sync non-custodial wallets for each user upon onboarding.
* Worked with Smart Contracts to connect user wallets to asset modules and validate ownership.
* Tech-stack: *TypeScript, Nextjs, Nestjs, Aws cognito, Next-auth, Onfido, Magic, Zustand, Tanstack/query, Shadcn/ui, Tailwindcss, Zustand*

○ **WalletPort-web**: **WalletPort is a platform for managing your crypto wallets and assets.**
* Led a front-end team: assigned tasks, resolved blockers, and ensured on-time delivery.
* Set up the project architecture and modular component structure
* Built dynamic and responsive UI
* Integrated Smart Contracts using Wagmi and Viem for seamless Web3 interaction.
* Managed application state using Zustand, handled async data with TanStack Query.
* Transformed complex UI/UX designs into intuitive user interfaces.
* Deployed the app on Vercel, managed CI/CD via GitLab.
* TechStack: *Typescript, Nextjs, Tailwindcss, Shadcn/UI, Wagmi, Viem, Zustand, Tanstack/query, Gitlab CI/CD*

○ **WalletPort-app**: **Mobile Version (iOS Android)**
* Set up the Flutter project structure, defined modular architecture for scalability.

- ∗ Developed UI/UX in Flutter using custom components and animations.
- ∗ Integrated Smart Contracts using web3dart and web3modal-flutter.
- ∗ Managed state via Provider, ensuring smooth performance and UI responsiveness.
- ∗ TechStack: *Dart, Flutter, web3dart, web3modal-flutter, Provider*

- ○ **FluidAi-web: AI-Based Crypto Trading Platform**
  - ∗ Setup structure for Project.
  - ∗ Architected the project and implemented the entire front-end.
  - ∗ Built responsive UI with TailwindCSS, integrated smart contracts using Wagmi Viem.
  - ∗ Managed state using Redux Toolkit, handled data with Redux Toolkit Query.
  - ∗ Implemented authentication via NextAuth and AWS Cognito, handled KYC with Onfido SDK.
  - ∗ Deployed to Vercel, managed source control and CI/CD using GitLab.
  - ∗ TechStack: *TypeScript, Next.js, TailwindCSS, Wagmi, Viem, NextAuth, Redux Toolkit, Onfido SDK, Cognito SDK*

- ○ **FluidAi-app: Mobile Version (iOS Android)**
  - ∗ Setup structure for Project.
  - ∗ Built mobile UI with Flutter, implemented logic for smart contract integration using web3dart web3modal-flutter.
  - ∗ Managed authentication via Cognito SDK, and KYC via Onfido SDK.
  - ∗ Managed application state with Provider, ensuring smooth performance across devices.
  - ∗ TechStack: *Dart, Flutter, web3dart, web3modal-flutter, Provider, Onfido SDK, Cognito SDK*

- **Versehub (https://versehub.io)** Apr. 2022 – Nov. 2023
  FrontEnd/Mobile Developer

  - ○ **beFITTER App – Move-to-Earn dApp (100K+ downloads, 2,230 CCU)**
    - ∗ Built a cross-platform mobile app using Flutter and Dart for iOS and Android.
    - ∗ Developed responsive, interactive UI and integrated RESTful APIs with async handling.
    - ∗ Managed state using BLoC architecture across multiple screens.
    - ∗ Optimized performance via debugging, profiling, and platform-specific adjustments.
    - ∗ Explored integration of Web3 functionalities within Flutter.
    - ∗ Implemented an in-app blockchain wallet to manage users' tokens and NFTs (create/import wallets, sign transactions, view balances).
    - ∗ TechStack: *Flutter, Dart, Web3dart, WebSocket, BLoC*

  - ○ **DSTAX – Web platform for real estate tokenized investment**
    - ∗ Led the front-end team: assigned tasks and solved team-level technical issues.
    - ∗ Developed and maintained web application with React, Redux Toolkit, and Next.js.
    - ∗ Built responsive UI with Material-UI and implemented performance improvements (lazy loading, code splitting).
    - ∗ Integrated REST APIs and built reusable components for scalability.
    - ∗ Deployed on Vercel with GitLab CI/CD.
    - ∗ TechStack: *TypeScript, React.js, Redux Toolkit, RTK Query, React Hook Form, Material-UI, Next.js*

  - ○ **WorldVision – Admin offline-capable survey app for child labor data collection**
    - ∗ Developed a PWA web app supporting offline mode using React.js and Redux.
    - ∗ Integrated REST APIs and ensured smooth experience for survey data entry and syncing.
    - ∗ Deployed on AWS using GitLab CI/CD.
    - ∗ TechStack: *TypeScript, React.js, Nextjs, Redux, PWA*

  - ○ **DeODD – Web3-based coin flip and lottery dApp**
    - ∗ Developed decentralized game features using Next.js, Ethers.js, and Wagmi.
    - ∗ Managed blockchain interactions and state with Context API and React Query.
    - ∗ Integrated real-time chat using WebSocket and forms via React Hook Form.
    - ∗ Deployed on Vercel using GitLab CI/CD.
    - ∗ Tech-stack: *TypeScript, React.js, Next.js, Context API, React Query, WebSocket, Ether.js, Wagmi, Material-UI*

- **beFITTER Web – Project introduction and token transaction platform**
  * Designed responsive landing pages for events, token exchange, and app info.
  * Integrated Ether.js for blockchain-related features and Axios for API communication.
  * Built forms with React Hook Form and managed state with Context API.
  * Deployed to Vercel with GitLab integration.
  * TechStack: *TypeScript, Next.js, React.js, Context API, Axios, Material-UI, React Hook Form, Ether.js*

- **VTC online (https://vtconline.vn)**   Jul. 2021 - Apr. 2022
Front-End Developer
  - **IOK - Korean Language Exam Preparation Platform**
    * Built interactive study modules covering vocabulary, grammar, and listening comprehension.
    * Managed application state with Redux Toolkit to streamline data flow and improve scalability.
    * Designed responsive UI with Ant Design for optimal experience across devices.
    * Collaborated with designers and backend developers to ensure smooth feature integration.
    * Tech-stack: *TypeScript, JavaScript, React.js, Redux Toolkit, Ant Design*
  - **IOE - English Language Exam Preparation Platform**
    * Developed dynamic learning modules focusing on vocabulary, grammar, and listening skills.
    * Used Redux Toolkit for efficient state management and data handling.
    * Applied responsive design principles to support multiple devices and screen sizes.
    * Worked in collaboration with a cross-functional team for feature delivery and testing.
    * Tech-stack: *JavaScript, React.js, Redux Toolkit, Ant Design*

- **TSP software (https://technologiesparadise.com)**   Oct. 2018 - Jul. 2021
Front-End Developer
  - **Sound2music (Relaxation Music Streaming App)**
    * Developed a Flutter-based music streaming app providing a smooth and immersive user experience.
    * Used BLoC architecture to manage state, improve maintainability, and ensure clean code structure.
    * Integrated backend APIs for music content and metadata delivery.
    * Optimized performance through caching, async operations, and efficient audio handling.
  * Tech-stack: *Flutter, Dart, BLoC, Audio Service, $just_audio$, $just_audio_background$*
  - **Baviin - Enterprise Resource Planning (ERP) Platform**
    * Built modern, responsive UI using Ant Design for enterprise use cases.
    * Managed global state with Redux and handled async logic via Redux Saga.
    * Implemented role-based access control (RBAC) to secure sensitive data.
    * Collaborated with backend developers to ensure seamless data integration.
    * Tech-stack: *JavaScript, React.js, Redux, Redux-Saga, Ant Design*
  - **VietravelAirline CMS – Content Management System for Vietravel Airline**
    * Developed admin interface with role-based permissions for content access and modification.
    * Implemented multi-language support using react-intl.
    * Managed state with Redux and handled async processes using Redux Saga.
    * Worked closely with backend to integrate CMS functionalities and workflows.
    * Tech-stack: *JavaScript, React.js, Redux, Redux-Saga, Ant Design, react-intl*

EDUCATION

- **Certification**
  - Reactjs level 3: https://interstate21.com/certificate/?code=5K16VHW

- **Hung Yen University of Technology and Education**   2017 – 2021
  - Major: Software Engineering
  - Honors: Graduated with Honors
  - Scholarship for Excellent Achievement In Studying July 2020 - July 2021
  - GPA: 3.29/4