Bui Van Nam

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Portfolio: https://nambv.tech/

SKILLS

- **Core Technologies**: JavaScript (ES6+), TypeScript, Dart, React.js, Next.js, Flutter

- **State Management**: Redux Toolkit, Zustand, BLoC, Riverpod, Context API

- **Backend Development**: Node.js, Nest.js, Express.js, RESTful APIs, WebSocket

- **Database ORM**: PostgreSQL, MongoDB, Prisma, Drizzle, Supabase, Database Design

- **Third-party Services**: AWS Cognito, Onfido, WebAuthn, Clerk, Cloudinary, Stripe

- **Web3 Blockchain**: Ethers.js, Web3dart, Wagmi, Viem, Smart Contract Integration

- **Performance Optimization**: SSR, Code Splitting, Lazy Loading, PWA, Caching Strategies, Turbopack

- **DevOps Deployment**: Nginx, Docker, CI/CD, AWS, Vercel, Multi-environment Setup, Monorepo (Turbopack)

- **UI/UX Implementation**: Tailwind CSS, Shadcn/UI, Material-UI, Ant Design, Scss, Responsive Design, Accessibility

OBJECTIVE

Senior Front-End Developer with 5+ 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**
    * Led the front-end team: assigned tasks, resolved blockers, and ensured timely delivery.
    * 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 frontend with Next.js and React.js; managed state with Zustand.
  * Built backend using Supabase (Auth Database), and PostgreSQL.
  * Handled data fetching with TanStack Query.
  * Implemented full-stack features and deployed on Vercel with custom domains for client and CMS.
  * Used tools like Prettier, ESLint, Husky, and Storybook for code quality and consistency.
  * Tech-stack: *TypeScript, Next.js, React.js, Zustand, Tailwindcss, Shadcn/ui, Supabase, Cloudinary, PostgreSQL.*
- **Zapptrue.com – Personalized Apparel Customized Gifts Platform**
  * Designed and implemented responsive UI using Tailwind CSS and Shadcn/UI.
  * Developed frontend with Next.js, TypeScript, and Zustand for state management.
  * Built backend using Prisma ORM, Supabase (Auth Database), and PostgreSQL.
  * Created a custom CMS using React.js, Tailwind CSS, Shadcn/UI, Clerk (auth), and Cloudinary (media).
  * Implemented server-side rendering (SSR) and data fetching with TanStack Query.
  * Developed and deployed full-stack features across both client and admin panel.
  * Set up CI/CD pipelines for multi-environment deployments (Production, Staging, Test, Dev) via Vercel.
  * Configured custom domains: zapptrue.com (client) and cms.zapptrue.com (CMS).
  * Maintained code quality with 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.*

- **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

- **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