Le The Phuc
Software Engineer

PROFESSIONAL SUMMARY

- 3+ years of experience in building high-performance web applications using **React.js**, **Next.js**, and **Typescript**.
- Skilled in real-time systems, scalable architectures, and seamless API integrations.
- Familiar with blockchain-related tools and patterns such as **Web3.js**, **wallet adapters** and **RPC communication**.
- Strong in debugging, optimizing frontend logic, and delivering smooth, reliable user experiences for gaming and Web3 platforms.

TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript
- **Frameworks and Libraries:** React.js, Angular.js, Next.js, Expo Native
- **State Management:** Redux
- **Backend and Databases:** Node.js, MySQL, MongoDB, Prisma
- **Web Technologies:** PWA, Websocket, Firebase
- **Web3 - Blockchain:** Smart Contract, Solidity, Ethers.js, Hardhat
- **CSS Frameworks:** TailwindCSS, Bootstrap
- **UI Component Libraries:** PrimeNG, Shadcn UI, Antd
- **Tools:** Cursor Agent, Oauth2, GIT, Postman, Swagger, Jira
- **Soft Skills:** Team Collaboration, Problem Solving, Time Management, Agile (Scrum)

EDUCATION

2020 - 2024
University of Information Technology Ho Chi Minh
Software Engineering

PROFESSIONAL EXPERIENCES

07/2025 - Present
Project name: Warp AI
Project description: A **web-based system** enabling users to remotely install and manage applications directly from the website.
Position: Frontend developer
Responsibilities:
- Designed and developed **modern**, **responsive UI** components using React.js.
- Set up and optimized the **frontend architecture** for scalability and clean code structure.
- Implemented **real-time** communication using **SignalR**, enabling live monitoring of application installation progress.
- Integrated with **.NET/C# backend services** to trigger installations and retrieve real-time execution events.
- Configured and validated **package deployment settings** for multiple installable applications to ensure seamless installation.
Technologies used:
- Frontend: React.js, SignalR
- Backend: Bootstrap (C#)

03/2024 - 06/2025
Project name: Magicblocks AI Chatbot
Project description: Developed an **embeddable AI chatbot platform** enabling websites to engage users via responsive, interactive bots across desktop, tablet, and mobile. Integrated multi-channel communication including Twilio SMS and Instagram messaging.
Position: Full stack developer
Responsibilities:
- Built **shared modular packages** including database schema and reusable interface components to support scalable development.
- Implemented and improved **UI/UX for interactive** bot widgets.
- Developed **responsive interfaces** optimized for desktop, tablet, and mobile.
- Set up and integrated **multi-channel communication** for the AI Agent including **Twilio** and **Instagram**.
- **Optimized backend performance** using **Cloudflare** caching and efficient API request handling, improving data delivery speed.
- Acted as a **key problem solver**, diagnosing complex technical issues across both frontend and backend layers.

Technologies used:
- Frontend: React.js, Next.js, Oauth2.
- Backend: Next.js, AWS, Vercel, MySQL, MongoDB, Cloudflare.

09/2023 – 2/2024
Project name: Block24
Project description: Block24 is a blockchain-enabled trading and community platform connecting a large network of crypto users and traders. The platform includes wallet integrations, secure authentication flows, and scalable UI components designed for high-traffic Web3 applications.
Position: Frontend Developer
Responsibilities:
- Built a **scalable Web3 provider layer** to integrate Solana wallets (Phantom, Solflare, etc.) and ensure reliable user authentication and transaction signing.
- Integrated **Web3Auth** to improve multi-chain login flows using OAuth2 and blockchain wallets.
- Worked closely with backend and smart-contract teams to support **on-chain interactions**, such as fetching account data and broadcasting transactions.
- Refactored and modularized Web3 utilities, improving long-term maintainability and allowing future expansion for **EVM/Solana hybrid integrations**.
- Implemented a **Redux-based state management** system to handle wallet state, session state, token balances, and asynchronous blockchain data consistently.
- Collaborated with cross-functional teams to design user flows tailored for blockchain users, including authentication, transaction flow, and asset display.

Technologies used:
- Frontend: Next.js, Oauth2.
- Backend: Node.js, MySQL, Docker, Cloudflare, Web3Auth.
- Web3: OAuth2, Solana wallet provider, JSON-RPC interactions, basic smart-contract integration patterns

<u>05/2023 – 08/2023</u>
Project name: TindaJob
Project description: Developed a mobile application for a center that bridges companies and job seekers, aiming to streamline job discovery, application processes, and communication between candidates and employers.
Position: Mobile Developer - Project Manager
Responsibilities:
- Collaborated directly with clients to gather requirements, define project scope, and create detailed Agile project plans.
- Designed and implemented a comprehensive design system to ensure consistency across the mobile application.
- Configured project management and source control tools, including **GitHub** for code repository, **Jira** for task management, and **Confluence** for documentation.
- **Set up** and **maintained** the React Native (Expo) codebase, ensuring scalable and maintainable architecture.
- Developed and optimized UI components, integrated features with backend APIs, and ensured seamless interaction between frontend and backend services.
- Mentored and supported team members in understanding **technical requirements**, **best practices**, and **project workflows**.
- Participated in code reviews, debugging, and performance optimization to deliver a robust and user-friendly application.

Technologies used:
- Frontend: React Native (Expo), Websocket.
- Backend: Node.js, MongoDB, Supabase, Docker, Nginx, Cloudflare R2, Twilio.

<u>11/2022 – 04/2023</u>
Project name: Game Application
Project description: A multiplayer game platform with real-time interactions, low-latency gameplay, and secure transaction-like flows between players.
Position: Full stack Developer
Responsibilities:
- Built and optimized **high-performance game UI components** using Next.js & Tailwind CSS to support fast, real-time gameplay.
- Engineered **real-time communication features** with Socket.io, reducing latency by ~150ms critical for multiplayer games and future on-chain casino game rounds.
- Designed scalable data structures in **MySQL & MongoDB** to support game sessions, player states, and transactional flows (mirroring on-chain data patterns).
- Developed secure **REST APIs** using Node.js for handling user actions, gameplay logic, and reward flows.
- **Implemented wallet-like transaction API layer** for player balances, payouts, and future blockchain compatibility.
- Configured Firebase for secure asset and metadata storage.
- Managed end-to-end deployment and server administration via aaPanel, ensuring stable uptime for high-traffic game events.

Technologies used:
- Frontend: Next.js, NextAuth.js, Socket.io.
- Backend: Node.js, MySQL, MongoDB, Firebase.

01/2022 – 9/2022
Project name: Order Food - Cardwatch POS
Project description: Food ordering and **POS** web application supporting member-based communities with seamless order and transaction management.
Position: Frontend Developer
Responsibilities:

- Built, maintained, and optimized the frontend codebase using **Next.js**, ensuring a responsive and intuitive user interface for both web and PWA users.
- Conducted thorough **code reviews** and addressed critical **UI/UX issues**, improving overall platform usability and reducing customer friction.
- Led **frontend development for a POS system** used by a Canadian organization, enhancing order processing speed, accuracy, and member experience.
- Designed and implemented a **reusable UI component library**, which was later published, reducing development time for new features by approximately 50%.
- Researched and integrated **CPOS printer support**, allowing automatic printing of receipts directly from the platform, streamlining order fulfillment.
- Collaborated closely with backend developers to ensure **API integration**, **real-time updates**, and **smooth transaction workflows**.
- Optimized frontend performance and responsiveness for desktop, tablet, and mobile devices, adhering to accessibility and usability best practices.

Technologies used:

- Frontend: Next.js, PWA.
- Backend: Java, PostgreSQL, Docker, Nginx.