Vu Chi Cong

Full-Stack Developer

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SUMMARY

6+ years of experience in web and mobile development with Node.js, React, and Next.js, focusing on optimizing backend processes, enhancing UI/UX, and collaborating with cross-functional teams in product development. Experienced in working on various application models, from startups to mid-sized and large-scale projects.

SKILLS

Programming Languages	TypeScript, JavaScript, .Net Core.
Frontend Development	React.js, React Native, Next.js, Tailwind CSS, Mobile-First, Responsive Design.
Backend Development	Node.js, Express.js.
Databases	MongoDB, MySQL, Redis.
Tools & Platform	Docker, Heroku, Vercel, AWS.
Languages	English (Intermediate), Vietnamese (Native)

WORK EXPERIENCE

GK-Team (Freelance)   Feb 2023 - Present

Full-Stack Developer

Collaborated with clients in Vietnam and the United States to deliver scalable web and mobile applications.

Domains: Blockchain (ICO), Fitness.

− Achieved 78+% productivity in a fully remote environment, contributed to successful delivery of 5+ projects.
− Built and optimized backend services using Node.js, PostgreSQL and MongoDB, while also contributing to .NET Core projects using Entity Framework.
− Implemented solidity-based purchase systems, successfully deploying 3+ projects.
− Developed responsive, mobile-first landing pages from Figma designs, focusing on mobile-first design and aligning closely with client requirements.
− Provided client support to ensure system reliability and timely issue resolution, quickly addressing concerns.
− Developed mobile applications using Expo, authored technical docs, and implemented CI/CD on Azure, improving deployment efficiency and reliability.
− Architected a chat widget for shopify stores using Node.js, React.js, and AWS.

Technical Stack: Node.js, .Net Core, MongoDB, React, Next.js, Solidity, Docker, Vercel, Shopify.

Roshi - Singapore's Loan Marketplace   Apr 2025 - Jul 2025

Full-Stack Developer

A Singapore-based fintech startup connecting borrowers with lenders through a digital lending platform.

Domains: Fintech

− Participated in the development of core web applications with integrated Role-Based Access Control (RBAC) for admin, borrower, and lender.
− Built a tool to fetch CVs from the HR platform and use ChatGPT and Gemini to parse and scope key profile data, syncing results to Google Sheets.
− Forked the Singapore version to build a localized Vietnamese version with redesigned UI and adapted loan workflows.
− Used the existing React codebase with CapacitorJS to build and deploy a cross-platform mobile app for Android and iOS.

Technical Stack: Node.js, Prisma, React.

Bright Software Solution   Jul 2019 - Feb 2023

Full-Stack Developer

Collaborated with clients across Sweden, India, and Europe to deliver reliable web and mobile solutions.

Domains: Education, Project Management.

− Conducted code reviews, built foundations for 5+ projects, mentored interns during development, and participated in 10+ projects.

− Designed and maintained a mobile app for teachers to manage students and classes, along with a custom CMS for employee and session management, with 15+ teachers actively using the apps.

− Developed real-time web and mobile apps to enhance student-teacher interaction, which were also utilized for daily team meetings during the development phase.

− Worked on .NET Core for various backend tasks and contributed to developing 3+ projects before transitioning to Node.js, where I expanded my backend development skills.

− Partnered onsite with client companies for six months and contributed to 2 major app deployments.

Technical Stack: Node.js, .Net Core, MsSQL, React, React Native, Docker, AWS(EC2).

Rabiloo Co., Ltd   Mar 2018 - May 2019

Fresher Mobile Developer

Collaborated with Japanese clients to deliver high-quality mobile solutions.

Domains: Service Industry.

− Developed a cleaner booking app featuring payment processing, real-time chat, and location-based services with map integration.

− Worked closely with design and testing teams to ensure seamless functionality and an optimal user experience.

− Gained backend experience by contributing to small backend tasks, supporting the backend development alongside the team.

Technical Stack: React Native.

EDUCATION

ITPlus Academy   Aug 2016 - Mar 2018

Software development course for website and mobile application development

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PARTICIPATED PROJECTS

Shopify Chat Widget

A chat widget for a Shopify store with an AI model that helps customers find what they want.

Team Composition: 1

My Responsibility: (Full-Stack)

− Built the system using Node.js, React for the widget and Next.js for the admin dashboard.

− Implemented CI/CD pipelines using GitHub Actions to deploy backend services to AWS EC2 and automatically build and upload widget assets to S3.

− Synchronized data from a MySQL container running on AWS EC2 into DynamoDB for consumption by the AI model, which is handled on the client side.

Achievements:

− Trained the client on usage, deployment, and maintenance to enable smooth handover and minimize support.

Technical Stack: React, Node.js.

Roshi (Singapore's Loan Marketplace)

A platform that connects borrowers with lenders to simplify and streamline the lending process.

Team Composition: 6 (Developers, Designer and QA)

My Responsibility: (Full-Stack)

– Maintained and improved UI/UX web applications for admin, borrower, and lender.

– Implemented end-to-end tests using Playwright to validate core application flows (e.g., loan application), and integrated them into GitHub Actions for automated testing in CI/CD.

– Created a Vietnamese localized version of the platform with a redesigned UI and updated applying workflows based on local market needs.

– Reused the existing React web codebase with CapacitorJS to build a cross-platform mobile app for both Android and iOS.

Achievements:

– Quickly onboarded and contributed to the production codebase.

– Resolved UI issues and fixed bugs across role-based dashboards to improve UI/UX consistency.

Technical Stack: React, Node.js, Prisma, Capacitorjs.

Blockchain Project (ICO Token)

Built a platform to facilitate token pre-sales, integrating blockchain technology and third-party services for efficient and user-friendly digital asset management.

Team Composition: 2 (1 Developer and 1 Designer)

My Responsibility: (Full-Stack)

– Smart Contract Integration: Designed and implemented smart contracts for presale token purchases.

– Full-Stack Development: Developed a landing page, client dashboard, and admin dashboard using React. Built a Node.js backend server to manage operations, supporting over 4,000 users.

– Supported the pre-sale process, helping the platform raise over $300,000 in funds.

Achievements:

– Quickly adapted to blockchain's fast-paced environment, ensuring smart contracts were thoroughly tested before deployment.

– Provided responsive customer support, assisting users with their needs.

Technical Stack: React, Node.js, Solidity.

Fitness Mobile Application (A personalized workout app)

A mobile app designed to deliver personalized workout courses tailored to specific muscle groups.

Team Composition: 4 (PM, Designer, Backend, and me (Frontend))

My Responsibility: (Focus: Frontend, Support: Backend)

– Frontend Development: Developed the mobile UI to enhance UX, implemented OAuth2 authentication with Azure and integrated a custom login/signup template for Azure authentication.

– Backend Integration: Collaborated with the backend team to ensure seamless API integration. Supported and contributed to writing CRUD operations for content management.

– Azure API Research: Researched Azure Portal APIs, authored detailed integration documents for the team, and implemented Azure Pipelines to reduce deployment time.

Achievements:

– Gained experience in following a structured development process to ensure accuracy and efficiency.

– Contributed to writing documentation and researching Azure APIs, improving backend processes.

– Implemented Azure Pipelines, reducing deployment time and increasing workflow efficiency.

Technical Stack: React Native, Expo Go, Azure Portal, Azure Pipelines.

GrapeSEED Connect (Stream Learning Platform)

An online platform designed to enhance student-teacher interaction through real-time video streaming, improving the overall online learning experience.

Team Composition: 3 (React Native, 1 QA).

My Responsibility: (Focus: Frontend, Support: Backend)

– Frontend Development: Led the frontend development using React Native and Vue, focusing on UI/UX and real-time video streaming feature. Made sure web and mobile work smoothly together.
– Backend Contribution: Collaborated with client's backend team to contribute for BE real-time features.

Achievements:

– Improved cross-company collaboration by working with different teams to streamline workflows.
– Enhanced real-time video streaming experience for students and teachers using Agora SDK and Zoom SDK.

Technical Stack: Vue, React Native, Agora SDK, Zoom SDK, .NET Core.

Work Management (Projects Management)

Managed software projects, overseeing tasks, processes, and deliverables.

Team Composition: Size: 3+ (Backend, Frontend & Mobile, QA).

My Responsibility: (Full-Stack)

– Project Lifecycle Management: Coordinated team members through all phases of the project lifecycle, including planning, development, and deployment.
– Frontend and Mobile Development: Contributed to frontend and mobile development, implementing key features and ensuring smooth UX.
– Collaboration: Worked closely with backend developers and QA teams, providing support where necessary to maintain quality and meet deadlines.

Achievements:

– Independently managed various aspects of development, gaining a broad understanding of the full software development process.

Technical Stack: React, React Native, Groovy.

Dance School (School Management)

A comprehensive school management system designed to efficiently manage classrooms, students, schedules, and includes reminder functionalities.

Team Composition: 4+ (QA, Full-Stack, Frontend, and Mobile).

My Responsibility: (Focus: Backend, Support: Frontend)

– API Development: Implemented authentication and data management with Entity Framework.
– Frontend Support: Assisted frontend developers as needed, helping with frontend-related tasks and resolving any issues.

Achievements:

– Started as a frontend developer and transitioned into a full-stack developer, taking on key responsibilities and gaining valuable experience.

Technical Stack: React, React Native, .NET Core.

Miles At Sea (Travel Tracking)

An app for tracking travel distance and earning rewards through quest completion.

Team Composition: 2 (both are Full-Stack).

My Responsibility: (Frontend)

– Google Maps Integration: Integrated the Google Maps API to enable distance tracking functionality within the application.
– Mobile UI Development: Developed and implemented the mobile UI to ensure a functional user experience.

Achievements:

– Successfully integrated the distance tracking API and developed the mobile UI.

– Learned the importance of testing and using mocks to ensure reliability.

Technical Stack: React Native, Google Maps API.

Osouji (Cleaner Booking)

A job marketplace focused on services related to house cleaning and hotels, integrating payment systems and providing directions for seamless transactions.

Team Composition: 7+ (PM, Designer, 2 Backend, 2 Frontend, QA).

My Responsibility: (Frontend)

– Mobile Development: Built the job marketplace UI based on Figma designs.

– Backend Integration: Assisted in backend tasks by collaborating with backend developers to ensure seamless integration between mobile UI and core features.

Achievements:

– Successfully implemented the mobile UI based on Figma designs, ensuring a smooth user experience.

– Gained valuable knowledge as a mobile developer, learning best practices from my mentor.

Technical Stack: React Native.

Vio Studio (Event Information Platform)

A platform aimed at providing students with information about current and upcoming events in their vicinity.

Team Composition: 6 (PM, Designer, 2 Backend, 2 Frontend).

My Responsibility: (Frontend)

– Frontend Development: Created the frontend web application following Figma designs, ensuring a functional and responsive user experience.

– Frontend Management: Managed frontend tasks, including task allocation and progress tracking.

Achievements:

– Collaborated closely with the client to define the solution and align development goals.

– Managed frontend development and coordinated with freelancers to ensure timely project completion.

Technical Stack: React, Django.

SIDE PROJECTS

Personal Portfolio Website

A responsive portfolio website built with React and Tailwind CSS, showcasing my projects and skills. Designed to deliver a smooth user experience on both desktop and mobile devices.

Achievements:

– Achieved a Performance score of over 90 on Google PageSpeed Insights.

Main Features: (Frontend)

– Responsive Design: Optimized for all screen sizes with Tailwind CSS, providing an engaging experience on both desktop and mobile.

– Deployed with Vercel: Hosted on Vercel with automatic updates on every Git commit.

Objective: Created a responsive and visually appealing website to showcase my projects, skills, and experience.

Technical Stack: React, Tailwind CSS, Shadcn.

Source: github.com/cngvc/joes-portfolio — congvc.com

MEME Network (Presale Token on Sepolia Testnet)

A decentralized application (DApp) that combines a React frontend with a smart contract using Solidity, allowing users to interact with the Ethereum blockchain.

Main Features: (Full-Stack)

– Smart Contract Development: Created using Hardhat, enabling deployment and testing on the Ethereum network.
– Blockchain Interaction: Users can interact with smart contract functions directly from the React frontend.
– Wallet Connection: Integrates Rainbow to connect MetaMask for user authentication and transaction handling.
– Testnet Support: Allows users to make presale transactions through the Sepolia testnet.
– Objective: Developed a full-stack web3 application integrating React with smart contracts using Hardhat and wallet connectivity.

Objective: Developed a full-stack web3 application integrating React with smart contracts using Hardhat and wallet connectivity.

Technical Stack: React, Tailwind CSS, Solidity, Hardhat, Rainbow, Ethers.js.

Source: github.com/cngvc/simple-token-presale — meme-network.congvc.com

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The Shopi (Scalable e-commerce platform with microservices architecture)

An e-commerce platform built with a microservices architecture. It is designed to handle essential workflows such as user authentication, product management, cart operations, order processing, and real-time communication. The project is powered entirely by Node.js, with a hybrid API Gateway that uses HTTP for client-facing requests and gRPC for service-to-service communication.

Main Features: (Focus: Backend)

– Microservices Architecture: Separate services for features communicating via gRPC and RabbitMQ. Containerized with Docker for deployment flexibility.
– Authentication: Supports OAuth (GitHub SSO) and email-password authentication with JWT, Key-Token, Fingerprint, and RBAC for secure multi-device refresh tokens.
– High performance Search: Utilizes Elasticsearch for fast object searching, syncing data whenever a new object is added/updated.
– Real-time Communication: A Socket service handles connections for chat and presence status.
– Asynchronous Event Handling: RabbitMQ for handling events like object create/updates, authentication requirements, and payment confirmations, etc.
– Modern Frontend: Built with Next.js and Shadcn/ui for SSR and a flexible, customizable component system.

Technical Stack:

– Backend: Node.js, Express.js, TypeORM, Elasticsearch.
– Frontend: Next.js, Shadcn.
– Database: MongoDB, MySQL, Redis.
– Messaging: RabbitMQ, gRPC.
– Infrastructure: Docker, K8s.

Objective: Build a scalable e-commerce system with microservices architecture, as a way to gain experience with large projects due to limited time working on them in a job. Future enhancements will include GraphQL, a Recommendation System, Load Balancing, ELS Stack, CI/CD with Kubernetes and Jenkins, and a fully developed frontend.

Source: github.com/cngvc/theshopi