

# VO VU DUC

## FULLSTACK DEVELOPER

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### SUMMARY

With nearly 5 years of experience, I possess a solid foundation in JavaScript and frameworks such as NodeJS, React, Next.js, React Native, Vue, Nuxt, and NestJS. As a dedicated developer, I take full ownership of my work and continuously seek innovative solutions to improve performance and efficiency. By staying current with emerging technologies, I deliver high-quality products that precisely meet client requirements.

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### SKILLS

Front End	JavaScript, TypeScript, React, Vue, Next, Nuxt, React Native, Remix
Back end	NodeJS, Express, NestJS, PostgreSQL, MySQL, MongoDB, Prisma, Mongoose
Cloud	AWS: S3, Fargate, Lightsail, Ec2, Ecr, Vpc, Route53, Lamda, Ebs, Cognito, SQS, SES
Other	Docker, Github CI/CD, Bitbucket Pipeline, Git

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### WORK EXPERIENCE

Fanzeal Singapore (Hybrid)	04/2023 - Present
Senior Full-stack Developer	

#### Fan Collectibles

**Team size:** 12

**Product Description:** A platform dedicated to bringing sports and entertainment enthusiasts closer to their passions. It offers a curated collection of exclusive, high-quality merchandise, memorabilia, and digital collectibles, allowing fans to celebrate and showcase their loyalty. With features such as personalized items, limited-edition releases, and a seamless shopping experience, the project connects fans with the teams, players, and moments they love.

**Technical:** ReactJS, NextJS, NestJS, PostgreSQL, Redis, Block chain, AWS.

**Product:**

- **VFB collectible:** <https://collectibles.vfb.de>
- **African Legends Collectibles:** <https://aflc.fanzeal.com>
- **GNK Dinamo Collectibles:** <https://collectibles.gnkdinamo.hr>

**Responsibility:**

- Designed a consistent, user-friendly UI in line with company design standards.
- Optimized application performance through lazy loading and bundle splitting.
- Configured CI/CD pipelines in Bitbucket for automated testing and deployment.
- Deployed the website to AWS, ensuring high availability and scalability.
- Lead 4 junior developer

- Implement feature:
  - Authentication: Implemented a hybrid auth system enabling Web2 users to sign in via AWS Cognito (with Thirdweb-generated addresses) and Web3 users via Ethers.js, integrating user profiles on-chain and supporting 3,000+ concurrent account creations.
  - Payment: Integrated Stripe and PayPal SDKs to process transactions for products and digital collectibles.
  - Prediction Tournament: Developed the tournament UI and core features for creating and managing challenges, predictions, and quizzes.
  - SEO: Enhanced search-engine visibility by implementing server-side rendering (SSR), data caching strategies, image optimization, and code splitting.

## VFF APP

**Team size:** 6

**Product Description:** A platform connecting Vietnamese football fans by enabling them to follow the national team's match schedule, purchase official merchandise, watch live broadcasts, and engage with posts from players and team management.

**Technical:** ReactNative, Expo, NestJS, PostgreSQL, Redis, AWS, Social Plus.

**Product:**

- **ios:** <https://apps.apple.com/vn/app/vff-app/id6744911455?l=vi>
- **android:** <https://play.google.com/store/apps/details?id=vn.vff.app>

**Responsibility:**

- Designed a consistent, user-friendly UI in line with company design standards.
- Optimized application performance through lazy loading and bundle splitting.
- Lead 4 junior developer
- Implement feature:
  - Authentication: Designed and implemented native sign-in with Google, Facebook, and Apple; configured FusionAuth as the authentication platform and set up Cloudflare for security and performance.
  - Payment: Integrated Apple In-App Purchases and OnePay SDKs to handle transactions for physical products and digital collectibles.
  - App Submission: Built release candidates and managed submissions to both the Apple App Store and Google Play Store, ensuring compliance with platform guidelines.
  - Performance: Enhanced app responsiveness by implementing lazy loading and virtualized lists for large data sets.

## Hachix (Freelancer)

01/2022 - present

### Full-stack Developer

### Vigualita

**Team size:** 5

**Product Description:** Delivered a workflow management and production automation platform for engineering firms, enabling seamless handling of individual orders.

**Technical:** ExpressJS, NodeJS, VueJS, MongoDB, AWS.

**Responsibility:**

- Backend & Database Architecture: Designed and implemented a scalable backend system and database schema to reliably process thousands of orders under peak load.
- UI Development: Built and deployed the product's user interface, ensuring a responsive and intuitive experience.
- Performance Tuning: Optimized database queries and implemented effective caching strategies to improve overall system performance.

## **IOT Application**

**Team size:** 5

**Product Description:** Developed an automated warehouse management system to track workforce hours and monitor production efficiency.

**Technical:** ExpressJS, NodeJS, VueJS, MongoDB, AWS.

### **Responsibility:**

- UI Development: Built and deployed the product's user interface, ensuring a responsive and intuitive experience.
- Performance Tuning: Optimized code back-end and implemented effective caching strategies to improve overall system performance.

## **Pangara (Hybrid)**

**09/2022 - 4/2023**

### **Full-stack Developer**

#### **Pangara's product**

**Team size:** 5

**Product Description:** Pangara is typically known as a platform for hiring freelancers, connecting businesses with skilled professionals for various projects

**Technical:** Vuejs, Laravel, Doctrine, PHP, javascript, MariaDB.

### **Responsibility:**

- Follow tasks of each sprint and complete them on time.
- Collaborate with designers during the working process and provide UI feedback.
- UI Development: Built and deployed the product's user interface, ensuring a responsive and intuitive experience.

## **FPT Software (On-site)**

**03/2021 - 9/2022**

### **Front-end Developer**

#### **Fkuma**

**Team size:** 40

**Product Description:** Led a large-scale, long-term project for a Japanese client to develop a platform that tracks vehicle maintenance schedules and automatically sends reminder notifications.

**Technical:** Vue, Nuxt, Python, AWS.

### **Responsibility:**

- Developed and maintained multiple products using Vue, Nuxt to ensure cross-browser compatibility, accessibility and responsibility.
- Collaborated with PO and UX/UI designers to implement designs and improve user experience.
- Collaborated closely with Back-End developers to integrate front-end features with server-side logic, using Restful APIs, GraphQL.
- Improved site performance and loading times through optimization techniques, such as caching and lazy loading.

- Using git and gitflow to managed and maintained version control.
- Code reviews, testing and debugging to fix issues, ensure product quality.
- Attending daily stand-up meetings and using project management tools JIRA.
- Stayed up to date with new and emerging front-end technologies, sharing knowledge and providing guidance to colleagues on best practies and techniques.
- Lead 6 fresher/junior and host product planning of Front-end team.

## **EDUCATION**

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**Post & Telecoms Institute of. Technology**

**2018 - 2023**

Computer Science