



Cao Quoc Dat

Fullstack Developer

Fullstack Developer with over 3 years of experience in web application development using ReactJS and NodeJS, focusing on performance, scalability, and user experience. Experienced in working within startup environments and involved throughout the entire product development lifecycle, including database design, technology research, system development, server deployment, CI/CD setup with GitLab, as well as product demos and solution discussions with clients. Proactive in learning, adaptable to new technologies, and committed to building high-quality products that deliver practical value to users and businesses

WORK EXPERIENCE

ASIM GROUP

Frontend Developer (October 2022 - May 2023)

Project: Ha Giang Radio and Television Website

Role: Frontend Developer

Electronic information website developed for Ha Giang Radio and Television Station.

Technologies: ReactJS, TypeScript, Redux, HTML5 & CSS3, hls.js

Project Management: Jira

Version Control: Git, GitLab

API Testing: Postman

Responsibilities

- Developed responsive web interfaces using ReactJS and TypeScript, ensuring compatibility across multiple devices and browsers.
- Implemented Redux for centralized state management and optimized data flow throughout the application.
- Integrated RESTful APIs and performed API testing using Postman.

CODEC VIETNAM TECHNOLOGY JOINT STOCK COMPANY

Fullstack Developer (June 2023 - June 2026)

Project: RAR-SSC Revenue Management System

(hocphi.rar-ssc.vn)

Role: Frontend Developer

An online tuition fee management and payment system for schools, currently serving more than 600 schools and continuously expanding its scale.

Technologies: ReactJS, TypeScript, React Query, Zustand, Ant Design, Firebase

Project Management: Jira, Trello

Version Control: Git, GitLab

API Testing: Postman

Containerization & CI/CD: Docker, Jenkins

PROFILE

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SKILLS

Frontend

- ReactJS, Redux, React Query,
- JavaScript, TypeScript
- HTML5, CSS3, Tailwind CSS
- Ant Design

Backend

- Node.js, Express.js
- PostgreSQL, TypeORM, Redis
- Keycloak

DevOps & Tools

- Docker, Docker compose, Jenkins
- GitHub, GitLab, CI/CD
- Postman, DBeaver, Swagger, Redis insight, Tabby, Trello, Jira
- Linux Server

EDUCATION

FPT Polytechnic College

Computer Programming (

Tools: Tabby**Deployment & Server:** Ubuntu Linux, Nginx

Responsibilities

- Developed scalable web interfaces using ReactJS and Ant Design.
- Implemented JWT authentication and RBAC authorization features.
- Built and integrated a realtime module for maintenance status configuration and live notification synchronization to users.
- Deployed Dockerized applications on Linux environments.

Project: SME - Admin Advertising Planning**(*planning.adiq.vn*)****Role:** Fullstack Developer

An administration system for managing SME and staff registration accounts, supporting role-based access control, SSO authentication, and synchronization of rating and inventory data from VTV Rating.

Technologies: ReactJS, NodeJS, ExpressJS, Keycloak, PostgreSQL, TypeORM, Redis, BullMQ**Project Management:** Jira, Trello**Version Control:** Git, GitLab**API Testing:** Swagger**Containerization & CI/CD:** Docker, GitLab CI/CD**Tools:** DBeaver, dbdiagram, RedisInsight, Konga**Deployment & Server:** Ubuntu Linux, Nginx

Responsibilities

- Installed and integrated Keycloak for authentication, RBAC authorization, and SSO login functionalities.
- Customized the Keycloak SSO login interface to align with project requirements and branding.
- Developed cron job services to synchronize rating and inventory data from VTV Rating using Workers, BullMQ, and Redis.
- Participated in building the admin dashboard interface and integrating APIs using ReactJS.
- Utilized Konga to manage API Gateway and related services.

Project: Codec Ad SDK (Instream/Outstream)**Role:** Frontend Developer

An advertising SDK that supports Instream and Outstream video ad integration for websites, with support for VAST/VMAP/VPAID standards and optimized cross-platform ad delivery.

Technologies: TypeScript, Google IMA SDK, Rollup, HTML5 Video API**Deployment & Build:** Docker, Nginx, CDN

Responsibilities

- Participated in developing a video advertising SDK based on Google IMA SDK.
- Built the Instream advertising workflow for HTML5 Video Players.
- Developed features for impression tracking, analytics, and device metadata collection.
- Optimized ad rendering and performance across Mobile, Tablet, and Desktop platforms.

CERTIFICATIONS**2022**

ACADEMIC PREPARATORY

ENGLISH Level 3 - Topnotch 2

Project: International Travel SIM

(simdulichquocte.vn)

Role: Fullstack Developer

A backend system for managing and synchronizing data from SIM provider partners, including account management, products, exchange rates, service packages, and agent pricing tables.

Technologies: ReactJS, NextJS, TypeScript, NodeJS, ExpressJS, PostgreSQL, TypeORM, Cloudinary

Project Management: Jira, Trello

Version Control: Git, GitLab

API Testing: Swagger

Containerization & CI/CD: Docker, GitLab CI/CD

Tools: DBeaver, dbdiagram

Deployment & Server: Ubuntu Linux, Nginx

Responsibilities

- Developed authentication and RBAC authorization functionalities.
- Integrated Cloudinary for image storage and management.
- Designed and utilized PostgreSQL Materialized Views to optimize query performance for pricing tables, service packages, and synchronized partner data.
- Participated in API integration for both the admin dashboard and website interfaces.
- Collaborated with partners to analyze requirements and propose optimized solutions for product features and data synchronization processes.
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