Tran Phuong Nam (Neo)

Fullstack Developer

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SUMMARY

5 years of experience Full-stack Web Developer with a strong background in JavaScript, React, and HTML & CSS. Proven ability to develop and optimize applications, with expertise in ReactJS and NodeJS. Adept at collaborating with cross-functional teams and delivering high-quality solutions. Committed to staying abreast of emerging technologies and continuously enhancing skill set. Currently learning Rust!

WORK EXPERIENCE

HORAE, France - Remote   -

Fullstack Developer

Project: HORAE - digital watch passport

- Audited source code for web applications and backend systems, providing actionable suggestions to align with industry best practices and improve maintainability.
- Corrected and optimized Turborepo usage, improving monorepo efficiency and build times for better development workflows.
- Optimized Dockerfile to reduce build times by 40%, improving development efficiency and speeding up CI/CD pipelines.
- Implemented code splitting strategies to enhance performance and reduce initial load times for web applications.
- Fixed incorrect implementations by refactoring critical modules and ensuring compliance with project requirements and standards.
- Migrated backend services from Express to NestJS, leveraging its modular architecture and improved maintainability for scalable application development.
- Refactored the web application and indexer, simplifying codebases, improving performance, and reducing technical debt.
- Implemented multitenant mechanisms to streamline infrastructure management, reducing the number of pipelines and EC2 instances while ensuring resource isolation and scalability for each tenant.
- Tools/Tech Used: NextJS, ExpressJS, NestJS, MongoDB, Github Actions, Docker, AWS EC2, Redis, BullMQ

3i Inc, Korea - Remote   -

Backend / DevOps

Project: BEAMO - 360° photo based digital twin

- Migrated CI/CD pipelines from TeamCity to Jenkins, achieving a significant cost reduction by eliminating licensing fees and optimizing resource utilization. Implemented parallel builds and optimized build triggers, resulting in a 25% reduction in build times.
- Maintained and enhanced existing APIs, ensuring optimal performance, scalability, and reliability for critical application workflows. Optimized API performance by refactoring code, improving database queries, and implementing caching mechanisms.
- Designed and implemented new API features to support evolving business requirements, improving system functionality and user experience.
- Collaborated with cross-functional teams, including frontend developers and product managers, to align API capabilities with application needs.
- Tools/Tech Used: ExpressJS, MongoDB, Jenkins, Docker, Git Octopus, AWS services (S3, Lambda, ECR, EKS,..)

Sub project (service): IoT sensor alarm system for a 3D viewer

- Designed and implemented an IoT sensor alarm system for a 3D viewer, enabling real-time visualization of factory machinery status, enhancing operational monitoring and efficiency.
- Developed a real-time chart application for the internal QA team to monitor and temporarily modify sensor results for testing purposes.
- Tools/Tech Used: NestJS, ReactJS, Socket.io, Docker, Jenkins

Sub project (tool): Thumbnail generator

- Designed and implemented a serverless thumbnail generator using NodeJS, Ghostscript, and ImageMagick, enabling automated creation of thumbnails for images and PDFs.
- Tools/Tech Used: NodeJS, Docker, Ghostscript, ImageMagick, Terraform, AWS Lambda, AWS EFS

TEGO, Vietnam - Onsite   -

Full-stack Developer / Team leader

Project: ABHI - financial health platform - Pakistan

- Led the development and implementation of an Earned Wage Access (EWA) platform, enabling employees to access earned wages before payday.
- Integrated a third-party eKYC service to streamline and enhance the registration workflow, improving security and user verification efficiency.
- Achieved high client satisfaction, resulting in contract extension and the addition of more developers to the team.
- Tools/Tech Used: ReactJS, React Native, Vite, Firebase, NodeJS, serverless, AWS services (S3, Lambda, DynamoDB, RDS, SQS, SNS, Amplify)

Project: EdulinX - English e-learning platform - Japan

- Led the design and development of a speech analyzer system by integrating with ELSA APIs, providing advanced speech recognition and analysis capabilities.
- Maintained and improved existing features in web and mobile applications, ensuring optimal performance and user experience.
- Collaborated with cross-functional teams to ensure seamless integration and alignment with the system's goals.
- Tools/Tech Used: React, React Native, RoR, Google Pub/Sub, Sidekiq

Project: Golden Gate Restaurant - GoldenGate ERM system - Viet Nam

- Led the development and integration of a system with SAP to streamline food ingredient ordering and storage management for restaurant operations.
- Designed a user-friendly portal enabling restaurant owners to order food ingredients directly, improving the efficiency of supply chain processes.
- Developed an admin interface for updating inventory, tracking stock levels, and managing supplier information, ensuring accurate and up-to-date records.
- Integrated with the existing SAP system to synchronize order data, inventory updates, and supplier communications, reducing manual efforts and errors.
- Tools/Tech Used: ReactJs, Vite, Redux toolkit

Project: CoverGo - no-code insurance platform - Hong Kong

- Maintained and enhanced existing UI. Developed a dynamic form generator powered by JSON schema, enabling the creation of customizable forms with minimal code changes.
- Integrated conditional field rendering and validation logic, adapting the form layout and behavior based on user inputs and predefined rules.
- Utilized VueJS to render form components dynamically based on JSON configurations, supporting diverse input types such as text fields, dropdowns, checkboxes, and date pickers.
- Tools/Tech Used: VueJS, VueX, XState, DayJS, GraphQL

EDUCATION

Hanoi University of Mining and Geology   -

Bachelor's Degree in Software Development