Tran Duy Dat (John)

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INTRODUCE MYSELF

Highly accomplished and results-oriented Senior Fullstack Developer with over 6 years of experience in designing, developing, and deploying robust and scalable web applications. Proficient in a wide range of frontend and backend technologies, with a proven track record of leading successful projects, mentoring junior developers, and delivering high-quality solutions that drive business value. Seeking to leverage extensive technical expertise and leadership skills to contribute to innovative and challenging projects.

SKILLS

- Back-End	NodeJS, Redis, Spring Boot, .NET Core, RESTful APIs, GraphQL.
- Database	Mysql, MongoDB, Elasticsearch, Database query optimization
- Front-End	React JS, Next Js, Scs/Less, tailwind, Redux, Zutand.
- Code quality	ESlint, Prettier, Husky, Vulnerability analysis with snyk.
- Mobile	React Native, Android native with Java.
- Testing	Unit test with Jest, automation test with selenium, robot framework.
- Cloud Platforms:	AWS (EC2, S3, Elasticache(Redis), Lambda, RDS, CloudWatch, Simple Queue Service, ...), VPS.
- Tools & Technologies	Docker, K8s, GitLap runner, Github Actions, Codepush, Fastlane, JIRA,Confluence, WebSockets, Microservices
- Methodologies	Agile (Scrum, Kanban), Test-Driven Development (TDD), Domain-Driven Design (DDD), CI/CD
- Designs	Photoshop, Figma.
- AI tool:	tellJ IDE AI assistant, Cursor, CloudeAI
- Language	Proficient in researching English documents with strong communication skills.

WORK EXPERIENCE

VIN GROUP - *Role: Fullstack developer*   December 2022 - Present
Technologies: React.js, .NET (C#), Java Spring Boot, Microservices (DDD), Selenium, Robot Framework, Microsoft Identity Platform (OIDC), AWS S3, Typescript, SCSS.

- Designed, developed, and maintained enterprise-grade web applications using React.js, .NET (C#), and Java Spring Boot within a Microservices (DDD) architecture, ensuring scalability, performance, and clean separation of business logic.
- Integrated automated testing using Selenium and Robot Framework, improving QA efficiency and reducing regression bugs during deployments.
- Collaborated with cross-functional teams to integrate user tracking and survey systems, enabling data-driven product decisions based on real-time user insights and feedback loops.
- Independently optimized front-end core logic, achieving a 20% improvement in page speed and implementing clean code practices for easier future maintenance..
- Implemented OAuth2 authentication with Microsoft OIDC, significantly reducing login friction and improving user experience.- Optimized large file download performance and improved image upload pipelines, resulting in a ~20% cost reduction on AWS S3.

VMO HOLDINGS - *Role: fullstack developer*   August 2021 - Dec 2022
Technologies: React Native, Node.js, Express.js, NestJs, MongoDB, Redis, Web3.js (NFT Integration), Docker, Nginx, Microservices Architecture, JWT, Snyk, CI/CD, Git

- In the Secacam application, optimized large image handling by implementing client-side compression, server-side thumbnail generation, and in-memory caching. Improved load times and reduced bandwidth usage across media-heavy views.
- Developed mobile applications using React Native with seamless UI/UX and integrated advanced features such as cryptocurrency wallets for NFT transactions.
- Architected and delivered a high-load microservices backend in Node.js, powering a real-time online meeting and streaming system for U.S. universities.
- Collaborated closely with product managers and designers to translate business goals into scalable, maintainable software solutions.
- Implemented automated vulnerability scanning in the CI/CD pipeline using Snyk, proactively detecting and resolving security risks in dependencies. Resulted in a 60% reduction in reported critical vulnerabilities.

Adamo Software - *Role: react JS developer, mobile developer*   March 2021 - August 2021
Technologies: React Native, React.js, Redux(Thunk + Saga), Socket.IO, Agora SDK, Stripe API, Firebase, Git, Jira

- Spearheaded the end-to-end development of a feature-rich live streaming mobile application, delivered successfully within 5 months, aligned with tight product timelines.
- Integrated critical real-time features including:
  - Live video streaming with Agora SDK
  - In-app chat functionality using Socket.IO
  - Push notifications for user engagement via Firebase Cloud Messaging
  - Payment gateway support using Stripe API, enabling seamless user transactions

- Took full ownership of multiple core features, from requirement gathering to deployment, ensuring scalability, performance, and responsiveness on both iOS and Android platforms.
- Contributed to the company's base app architecture, improving consistency across projects and enabling faster onboarding of new products.- Collaborated closely with UI/UX designers and product managers to ensure the technical implementation matched business and customer requirements.
- Mentored a team of 3 junior developers, conducting regular code reviews and leading pair programming sessions, which significantly improved code quality, team velocity, and developer confidence.
- Ensured code maintainability and modular design using Redux (Thunk & Saga) for state management, allowing for robust handling of asynchronous flows and scalable feature expansion.

APECSOFT - *Role: mobile developer*   April 2020 - March 2021
Technologies: React Native, React.js, Redux, Firebase, Google Analytics, pageSpeed, Lighthouse, Bitbucket, Agile (Scrum)

- Built cross-platform mobile applications using React Native, and responsive websites using React.js.
- Work in a startup building an ecosystem of learning, management, and optimization applications throughout the product lifecycle
- Played a key role in rebuilding version 2 of an educational platform by analyzing user interaction data to improve UI/UX, contributing to a 2x customer growth.
- Worked collaboratively with marketing and product teams to drive engagement and retention through user-centered enhancements.
- Optimized front-end performance by lazy-loading modules, reducing bundle size, and implementing debounce/throttle in high-frequency operations (e.g., search/filter).
- Contributed to Agile sprint planning, daily standups, and retrospectives. Delivered features consistently on time in a fast-paced, client-facing environment.
- Used GitLab for source control and participated in CI/CD, peer code reviews, ensuring clean, well-documented, and testable code.
- Assisted in the creation of internal UI component libraries to standardize development across projects, increasing development speed and visual consistency

VietIS - *Role: front-end web developer*   March 2019 - April 2020
Technologies: React.js, JavaScript (ES6), HTML5, CSS3, RESTful APIs, GitLab, Bootstrap, jQuery, Agile (Scrum)

- Developed and maintained responsive and interactive user interfaces using React.js, delivering high-quality solutions aligned with client specifications.
- Translated UI/UX designs into pixel-perfect web interfaces while ensuring cross-browser compatibility and mobile responsiveness.
- Consumed and integrated RESTful APIs, collaborated with backend developers to define data contracts, and handled client-side error scenarios gracefully.
- Ensured frontend code quality, reusability, and performance for production-level enterprise applications.

EDUCATION

Post and Telecommunications Institute of Technology - *Major: Information*   August 2015 - February 2020
Technology