

TRI PHAM TRAN

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github.com/phamtrantri

I am a senior/tech lead software engineer with 7 years of experience in JavaScript technologies. I have a proven ability to motivate and lead teams, as well as to deliver complex systems with high quality.

My areas of focus include:

- 7 years of experience in HTML, CSS, JavaScript, TypeScript, React, and relevant state management libraries (Redux, Zustand)
- 3 years of experience in React Native and mobile technologies
- Hands-on experience in optimizing websites and mobile apps (CDN, caching, reducing blocking resources, minification, code splitting)
- Hands-on experience with various backend technologies: Node.js, Java, Golang, PostgreSQL, MySQL
- Hands-on experience with cloud technologies: AWS - Hands-on experience with security procedures to prevent various kinds of attacks (SQL injection, XSS, DDoS)

WORK EXPERIENCE

Technical Lead Shopee & Seamoney (NYSE: SE) <ul style="list-style-type: none">• Leading the Singapore Frontend Team, fostering a high-performance and sharing culture, and increasing team members' sense of ownership.• A key architect of the Maribank app (Shopee's digital bank), primarily focusing on investment and loan products, contributed to its score of 4.8 on the App Store and Google Play Store.• Leading the React Native low-code project, reducing repetitive tasks for engineers and boosting productivity.	Jul 2024 - Present Singapore
Senior Software Engineer Shopee & Seamoney (NYSE: SE) <ul style="list-style-type: none">• A key developer of the Credit Card product who developed, investigated, and worked with the Thales team to implement Google Push Provisioning and optimize its performance, reducing network costs by implementing a cache.• Researched and investigated the performance bottleneck of investment subscription and redemption orders, reducing the cost time by 25%.• A key developer of the Investment product, from inception to public launch.• Using React Native, HTML, CSS, React, JavaScript, TypeScript, Redux, Zustand, Pnpm, Sentry, Grafana, Jenkins, Java (Android)	May 2022 - Present Singapore
Software Engineer Skedulo <ul style="list-style-type: none">• Implemented a migration project, that allowed users to package all the configurations from 1 tenant and move to another tenant, reduced human errors, and boosted productivity.• Participated in architecture design, code design, and review, realizing the definition language of the migration project and implementing the dependency graph to support packaging the configurations.• Using HTML, CSS, React, Redux, Node.js, NestJS, PostgreSQL, Terraform, Ansible, AWS (SQS, S3, EC2, Lamda)	Aug 2021 - Apr 2022 Ho Chi Minh City, Vietnam
Software Engineer T-REX Exchange <ul style="list-style-type: none">• Key architect and developer of T-REX Exchange who implemented a cryptocurrency exchange that supports user trade P2P, cash trade, and escrow.• Optimized web page, increased loading speed by 50%, increased Google PageSpeed score by 63%.• Secured web page from various attack methods like XSS, and SQL-Injection.• Using HTML, CSS, JQuery, Java, Springboot, MySQL	Jun 2020 - Aug 2021 Ho Chi Minh City, Vietnam
Software Engineer iLean Solutions <ul style="list-style-type: none">• Co-founded and was a key developer of various projects.• Hospitalsbox: Built an API that manages multiple hospitals using a multi-tenancy architecture that allows new hospitals to be integrated into a system with a separate database.• Zenbox: Built an API that manages boxes, delivery process of shippers, personal rents, and DOP process.	Jul 2018 - Jun 2020 Ho Chi Minh City, Vietnam
Software Engineer KMS Technology, Inc. <ul style="list-style-type: none">• Worked as a full-stack developer in a large-scale application that manages all the aspects of the food supply operation in restaurants, and convenience stores.• The web app can manage 3000 stores and 100000 products in each store.• Implemented batching requests function to allow the web page to handle hundreds of requests at the same time, reduced network request time by 30%.	Feb 2018 - Jul 2018 Ho Chi Minh City, Vietnam

EDUCATION

Bachelor's Degree in Computer Science Ho Chi Minh City University of Technology, Vietnam National University (HCMUT) <ul style="list-style-type: none">• Team Leader of Thesis project	Sep 2013 - Apr 2018 GPA: Good
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PROJECTS

React Dynamic Renderer - Side Project [↗](#)

- Built a minimal React dynamic renderer, rendering a page based on a predefined Tree of data nodes

Todo App - Side Project [↗](#)

- Built a minimal todo app, learned infrastructure as code by integrating AWS, including CloudFront, S3, DynamoDB, Lambda

Web Builder - Side project [↗](#)

Feb 2025 - Mar 2025

- A minimal static html generator based on predefined template

Website for Startups - Thesis project

Feb 2017 - Feb 2018

- Built a website that creates a highly interactive environment for startups, investors, job seekers, recruiters, and audiences to share ideas, raise funds, invest, recruit, and apply for a job. Achieved a score of 9.5 on the final thesis defense

SKILLS

Frontend: HTML, CSS, Javascript, Typescript, React, React Native, Redux, Zustand, JQuery

Backend: Node.js, Java, MySql, Redis, Postgres

AWARDS

ACB Hackathon 2019 Potential Prize by Asia Commercial Joint Stock Bank
for creating a savings-guaranteed app for borrowing money.

Jan 2019

LANGUAGES

Vietnam (Native proficiency) • **English** (Full professional proficiency)