

# KHANG TRAN

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## Summary

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- Senior Frontend Engineer with 5+ years of experience building scalable, data-driven applications across React and Angular ecosystems.
- Strong command of JavaScript internals (prototype chain, closures, event loop, async patterns) and deep understanding of modern reactive UI architecture, including rendering lifecycle, state management, and performance optimization across frameworks.
- Operate confidently as a frontend generalist, taking architectural ownership — designing maintainable systems, structuring scalable codebases, and translating complex business requirements into production-ready solutions that support product growth.
- Experienced in working directly with European clients (Switzerland, Germany), clarifying requirements, shaping technical decisions, and consistently delivering high-quality features on schedule.
- Curious, pragmatic, and focused on continuous improvement.

## Skills

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- Frontend: React, Angular, TypeScript, JavaScript, RxJS
- Backend: NodeJS, Java
- State Management: Redux, NgRx
- Testing: Jest, Vitest, Cypress
- DevOps & Cloud: Docker, CI/CD, AWS

## Experience

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### Team Lead

Axon Active

Can Tho, Viet Nam

01/2024 – 02/2026

#### *Swiss Insurance Project*

- Led a cross-functional Agile team of 8 engineers, aligning technical direction, improving delivery predictability, and driving architectural decisions.
- Analyzed and designed the frontend architecture for a large-scale insurance platform, ensuring seamless integration of features across multiple functional teams.
- Designed and implemented a scalable frontend architecture with optimized rendering and state management strategies, improving performance and maintainability across complex, data-heavy workflows used by enterprise users.
- Provided guidance and mentorship to team members on advanced frontend concepts, fostering skill development.
- Collaborated daily with product owners and stakeholders to clarify requirements, unblock dependencies, and demo critical features.

### Team Lead

Axon Active

Can Tho, Viet Nam

02/2023 – 12/2023

#### *Germany Real Estate Development Project*

- Defined coding standards, architectural patterns, and data modeling structures used by the whole team.
- Improved application performance and maintainability by optimizing rendering flows, modularizing feature boundaries, and refining state management patterns.
- Coordinated and managed the deployment process for the project, ensuring timely delivery and high-quality output.
- Monitored production logs to analyze and detect potential bugs, ensuring application stability and consistency.
- Supported and improved the customer workflow by implementing an automated email marketing process.
- Leveraged deep understanding of the project's business logic to provide actionable recommendations to customers.
- Collaborated closely with team members to review code and identify potential issues. Facilitated productive discussions to develop solutions that aligned with project goals and business needs.
- Developed and implemented processes to optimize team performance and productivity, including organizing knowledge sharing and instructing team members to be on the same page in terms of project business.

### Software Engineer

Axon Active

Can Tho, Viet Nam

07/2021 - 01/2023

#### *Germany Real Estate Development Project*

- Developed and maintained a production **React Native** application, applying component-driven architecture and efficient state management patterns to deliver responsive, high-performance user experiences.
- Developed and maintained the Angular web application, integrating with third-party services such as **Zoho CRM**, **SendGrid**, **Twilio**, and **Google Tag Manager**.

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- Conducted unit and integration testing for features being implemented using **Jest** and **Cypress**, ensuring the quality and reliability of the code.
- Developed APIs and automated workflows to integrate with the **Zoho CRM** system.
- Configured the automatic deployment process for the mobile application using **Bitbucket Pipeline**, significantly reducing deployment time and increasing development efficiency.
- Set up website domain and server infrastructure using Amazon Web Services (AWS), including **CloudFront**, **EC2**, **Route 53**, and **S3** ensuring the website's high availability and security.
- Configured **NGINX server** to serve multiple domains with SSL certificates on AWS EC2 securely.
- Utilized third-party monitoring tools, including **Lighthouse**, **Zoho Site24x7**, and **AWS CloudWatch** to identify performance issues and ensure optimal website speed, stability, and minimize downtime.
- Utilized **Zoho Analytics** to provide statistical analysis of data based on customer needs, facilitating data-driven decision-making.

## **Software Engineer**

**FPT Software**

*Can Tho, Viet Nam*

**10/2020 - 06/2021**

- Worked closely with cross-functional teams to design and develop a low-code web application using Angular.
- Possessed extensive experience working with Scrum and Agile methodologies.

## **Software Engineer, Intern**

**TMA Solutions**

*Ho Chi Minh, Viet Nam*

**07/2020 - 09/2020**

- **Test Cases Analytics and Statistics:** Angular web application enables Testers and QA to visualize project test cases based on log files. (Angular/Java/Python/Kafka)