

NGUYEN TRI NHAN

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SUMMARY

A fullstack engineer with over 3 years of experience in Java, **heavily in frontend (Javascript/React)**, committed to delivering high-quality features and user interfaces, developing and maintaining scalable applications.

TECHNICAL SKILLS

- Programming: Java, Javascript, TypeScript, Python
- Frameworks/Libraries: Quarkus, Spring, ReactJs
- Database: Postgres
- Testing: Katalon Studio, Playwright, JUnit, Pytest, Jest
- Tools: Github Action, Docker, Argo CD, AWS, Local Stack, Coralogix, Data Dog, Metabase, Figma, Draw.io, Atlassian
- Others: English (professional), Agile/Scrum, TDD

WORK EXPERIENCE

Katalon

03/2021 - present

Software Engineer

Responsibilities:

- Build a **Micro-frontend** library for seamless collaboration across teams using **TypeScript**.
- Manage Katalon-UI library to standardize UI for the whole System with **ReactJs** and **Storybook**.
- Use **Git Hub Action** to create a CI/CD pipeline for testing and calculate code coverage in **SonarCloud** to ensure code quality and reliability.
- Define data model and migration using **Liquibase** and **Postgres**.
- Write a document of the design system in Confluence and Draw.io.
- Deploy production on **Git Hub Action** and **ArgoCD**.
- Monitor system on **Datadog** and **Coralogix**.
- Monitor security issues on **Snyk**.
- Explore a browser extension to reduce developing time in Micro-frontend architecture.

Projects:

- **Katalon Authoring (Apr 2024 - Now):**
 - Use **ReactJs** to define and develop a Child app integrated into a new TestOps web page.
 - Develop a **MasterPage** to replace the current TestOps web page with **ReactJs**
 - Employ **TypeScript** to develop a Record and Playback engine to run Katalon TestCase on the user browser.
 - Develop a **Quarkus-based backend** service to manage the flow of Katalon Automation test cases and seamlessly integrate it with TrueTest for generating Katalon Studio test scripts
- **Katalon TrueTest (Jan 2023 - Apr 2024):** Instantly create the regression tests that matter for coverage. Eliminate blindspots with AI-generated, zero-maintenance tests.
 - Define and develop UI for a Child app integrated into the TestOps web page using **ReactJs**.
 - Implement CRUD Back-End development with **Quarkus**.
 - Contribute to modules that generate Katalon Studio Scripts with **Python, JavaScript, and Java**.
 - Engage in the Traffic Agent module to collect user behavior on the web browser with **JavaScript**.
- **TestOps VisualTesting (Jan 2022 - Jan 2023):** Compare and alert mismatch in UI.
 - Build VisualTesting Engine to detect abnormal UI of user websites using **Python** and **Java**.
- **TestOps Test Failure Analysis (01/2022 - 01/2023):** Grouping top of exceptions of failure test cases and their root causes.
 - Collaborate on the Analysis backend using **Spring** to cluster most failure reasons of user test cases and find their root causes.
- **TestOps Platform (03/2021 - 01/2022):** Platform to schedule, run and get test reports.
 - Collaborate on CRUD Back-end development using **Spring**.
 - Collaborate on TestOps UI with **ReactJs**.
 - Use **JavaScript** to develop the TestOps Agent for KRE running on a local machine

EDUCATION

FPT UNIVERSITY

2018 - 2022

Bachelor of Software Engineering

CERTIFICATES

- DevOps on AWS
- IBM Data Science
- Project Management Principles and Practices
- Meta Front-End Developer
- Java Enterprise Edition
- CertNexus Certified Ethical Emerging Technologist