

# Le Phuc Tai

## Senior Software Engineer

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I am a senior software engineer with over 9 years of experience in developing and delivering enterprise products, SaaS solutions, and digital banking platforms. Proficient in Agile methodologies, cloud-based applications, and distributed systems.

### SKILLS

#### Programming languages

Advanced

typescript   java

#### Framework & Tools

Advanced

react   next.js   node.js  
spring boot   datadog   kafka  
rabbitmq   temporal   gatling

#### Database

Intermediate

sql   nosql

### WORK EXPERIENCE (5)

#### Lead Software Engineer | Fortris

November 2023 - Current

payment   crypto   temporal   performance

- Performance Optimization: Conducted stress testing with Gatling to identify and resolve performance bottlenecks, enhancing system efficiency
- System Reliability: Enhanced system reliability by implementing advanced logging, tracing, and alerting mechanisms.
- Stakeholder Coordination: Collaborated closely with development, operations, and product teams to align performance goals, gather requirements, and communicate progress effectively.

#### Lead Software Engineer | Propine

April 2022 - November 2023

payment   crypto   typescript   temporal   rabbitmq   datadog   ecs   aws

- Third-Party Integration: Successfully integrated systems with Genesis Trading, Mekle-Science, Signature Bank, and other third-party services.
- System Reliability: Enhanced system reliability through DataDog observability, including alert monitoring, logging, and tracing.
- Legacy Migration: Migrated legacy applications from Rails to modern single-page web apps using Next.js, improving performance and user experience.
- Microservices Development: Developed and maintained microservices using AWS ECS, DataDog, Node.js, and RabbitMQ.

#### Software Engineer | Flow

June 2021 - April 2022

<https://flownetworks.io/>


typescript   datadog   vue   animejs

- Bring wow, a-ha moment to end-users by developing awesome widgets, ui components, animations.

#### Senior Software Engineer | TymeGlobal

June 2019 - June 2021


<https://www.tymebank.co.za/>

 Tyme is building a multi-country digital bank focused on emerging markets in Asia and Africa. TymeGlobal partners with in-country local partners to launch next-generation digital banks.

### PROJECTS (2)

#### MoreTyme - Buy now, Pay later

<https://www.tymebank.co.za/personal-banking/accounts/moretyme/>

 MoreTyme is a Buy Now, Pay Later service for TymeBank customers. You pay half the item's purchase price at the till point and take it home straight away. Then pay the rest in 2 equal payments over 2 months.

- Distributed Banking System: Designed, developed, and released a distributed banking system utilizing microservice architecture, Kubernetes, and AWS cloud-native services.
- Third-Party Integration: Successfully integrated with third-party services including Electrum, Mambu, Zapper, and Pick n Pay.
- Automated Billing: Developed scheduled jobs for automated bill generation and customer notifications.
- Event-Driven Architecture: Leveraged Kafka for event-driven architecture, ensuring robust and scalable solutions.
- Serverless Applications: Created scalable serverless applications using AWS services such as S3, MSK, and Lambda.

#### Business Banking

<https://www.tymebank.co.za/business-banking/>

- In charge of the development and quality of internet banking, a single-page web application.
- Built reusable UI components and document them by Storybook.
- Brought awesome features to customers. E.g: send2many, bulk payment - send money up to 30 invoices at one.

#### Senior Software Engineer | SecuTix | ELCA

March 2015 - May 2019

<https://www.secutix.com/>

ticketing   agile   react, redux   java   widget

SecuTix is a Global provider of a Ticketing Engagement Platform that helps organizations boost ticket sales and enhance audiences experience before, during, and after events. Our customers are Opéra National de Paris, the UEFA, Centre Pompidou, Aspro Parks, Saracens, Paléo Festival, and more.

- Work Breakdown: Created work-breakdown structures for user stories, defined impacts, and implemented new features.
- Incident Analysis: Coordinated with the customer support team to analyze and resolve production incidents.
- Performance Optimization: Optimized the performance of the Seat Map, a web module for visualizing stadiums, cinemas, and theaters.
- Widget Development: Developed large-scale widgets within a monorepo framework.

### EDUCATION (1)

Bachelor Information Technology | Ho Chi Minh University of Science

2011 - 2015

### LANGUAGES

#### Vietnamese

Native speaker

#### English

Intermediate