



Sang PHAM

Fullstack Java / React Developer

Developer specialized in designing and building business-oriented web applications, with strong expertise in Java / Spring Boot for the backend and TypeScript / React for the frontend.

Java

TypeScript

Spring Boot

React

CONTACT

TÉLÉPHONE

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EMAIL

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LINKEDIN

www.linkedin.com/in/tq-sang-pham

SITE WEB

www.lightdevops.com

SKILLS

Back-end

Java

Spring Boot

Kafka

DDD

Front-end

TypeScript

React

Next.js

Databases

SQL

PostgreSQL

MongoDB

Testing & Quality

JUnit

Mockito

Jest

Cypress

Playwright

TDD

BDD

DevOps & Cloud

Docker

Kubernetes

GitLab CI

ArgoCD

Observability & Monitoring

Dynatrace

Grafana

ELK Stack

Agile methodologies

Scrum

Kanban

LANGUAGES

French

C1 – Advanced

English

B2 – Upper Intermediate

EDUCATION

PhD – Materials Science

2014 - CEA

Mechanical Engineering

2011 - UTT

PROFESSIONAL EXPERIENCE

SFEIR — Consultant

05/2024 – Présent

LCL — Back-end Developer

07/2024 – Présent

PSD2 API enabling licensed third parties to access customer accounts, retrieve data, and initiate payments with customer consent

- Design secure Open Banking APIs compliant with PSD2 (OAuth2, certificates, consent management)
- Implement critical enhancements for high-volume banking services (bulk transfers, corporate payments, delegated access management, ...)
- Support third-party payment providers in API integration (diagnostics, troubleshooting)
- Deploy and monitor distributed microservices (Kubernetes, observability)

Java · TypeScript · Spring Boot · Node.js · Microservices · Kafka · MongoDB · JUnit · Mockito · Jest · Playwright · Docker · Kubernetes · GitLab CI · ArgoCD · Dynatrace · Grafana · ELK · Agile Scrum

Auchan — AI Developer

05/2024 – 07/2024

Generative AI chatbot for customer support using Gemini

- Improve response relevance using RAG with multilingual embeddings
- Optimize retrieval pipelines (multi-query, reranking, similarity search)
- Design advanced prompt engineering strategies (CoT, self-consistency)

Python · FastAPI · TypeScript · React · Next.js · LangChain · PgVector · GitLab CI · Agile Kanban

VIVERIS — Consultant

07/2022 – 05/2024

CFA numiA — Lead Front-end Developer (promoted in May 2023)

10/2022 – 05/2024

Web platform izia-numia.com dedicated to apprenticeship program tracking

- Define front-end architecture (React, Redux)
- Establish quality standards and best practices
- Lead and mentor a team of 4 developers (code reviews, coaching)
- Optimize performance and refactor codebase

TypeScript · React · Redux · Jest · Cypress · MUI · PostgreSQL · GitLab CI · Agile Scrum

BRGM — Back-end Developer

07/2022 – 05/2024

API for soil and subsoil data

- Design APIs for scientific data management
- Model data and design UML diagrams
- Develop and deliver back-end services (Spring Boot)
- Collaborate with Ops and Front-end teams on deployment and testing

Java · Spring Boot · Hibernate · PostgreSQL · Pulsar · Docker · GitLab CI · Agile Kanban

AFPA — Career Change — Web Developer

10/2021 – 06/2022

MCA — Client Actemium — Mechanical Design Engineer

03/2019 – 06/2021

IJL — Scientific R&D — Python Developer

06/2017 – 02/2019

Desktop software dedicated to X-Ray image processing and analysis

- Design and develop a desktop application
- Optimize image processing algorithms
- Disseminate results through publications and presentations

Python · Tkinter

UTT — Scientific R&D — Mechanics and Materials

01/2015 – 05/2017