

Thi Lien kin

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[Portfolio: lienkim.info](https://portfolio.lienkim.info) | [GitHub: github.com/lienkt](https://github.com/lienkt)

Summary

Software Engineer with 5+ years of Front-End experience, combining a strong foundation in **React**, **TypeScript**, and modern web development with **Python**, **Machine Learning**, **LLMs**, **RAG**, and **AI agents**. Passionate about building practical, scalable, and user-focused AI products.

Skills

Generative AI & Data: LLMs, RAG, AI Agents, Prompt Engineering, Machine Learning, Python, NumPy, Power BI.

Front-End: React, TypeScript, JavaScript, Redux, HTML5, CSS3, Tailwind CSS, MUI.

Back-End & Data: Node.js, Django, PostgreSQL, MongoDB, REST APIs.

Testing & Tools: React Testing Library, Cypress, Jest, Git, GitHub, Docker, Figma.

Languages: English (Fluently), French (Basic — A2).

Experience

AI & Data Science Trainee

May 2026 – Present

BeCode · Full-time

Brussels, Belgium · Hybrid

- Developing practical skills in **Python**, **Machine Learning**, **Generative AI**, and software development.
- Collaborating on real-world AI and data projects using industry-standard tools and workflows.
- Designing AI-powered applications, data pipelines, and solutions focused on **LLMs**, automation, and analytics.

Software Engineer

Jul. 2022 – Jul. 2023

Squad

Paris, France

- Led **React** frontend development for Admin Squad and Shopify Squad apps adopted by several Shopify clients in France.
- Translated **Figma** designs into responsive interfaces and integrated them with backend APIs.
- Developed scalable frontend architecture with **React**, **TypeScript**, **Redux**, **HTML**, **CSS**, and **Tailwind**.
- Supported **Django** API design and authored unit tests with **React Testing Library**.

Software Engineer Intern

Sep. 2021 – Mar. 2022

Hello Pomelo

Paris, France

- Engineered a full-stack requirements application using **Flutter**, **React**, and **Node.js**.
- Automated PDF generation and email delivery to streamline client and marketing workflows.

Software Engineer

Dec. 2019 – Jul. 2020

FPT Software — Client: PatientPop, USA

Ho Chi Minh City, Vietnam

- Developed frontend and backend features for a real-time chat and calling application in a **microservices** system using **React** and **Node.js**.
- Implemented **Cypress** end-to-end tests and **React Testing Library** component tests, improving stability and reducing regressions.
- Collaborated with a large US-based cross-functional team to integrate features into a broader ecosystem.

Experience (continued)

Software Engineer

Aug. 2018 – Aug. 2019

Axon Active Vietnam

Ho Chi Minh City, Vietnam

- Developed and maintained internal systems for marketing, HR, recruitment, payroll, and workforce management.
- Built applications with **React**, **WordPress**, **jQuery**, **PHP**, **Java Spring**, and **PostgreSQL**.
- Worked with cross-functional stakeholders to deliver tools that improved productivity and operations.

Software Engineer

Jul. 2016 – Jul. 2018

ISB Vietnam Company (IVC)

Ho Chi Minh City, Vietnam

- Customized **Odoo** ERP solutions for Novaland Group and built sales reports with **SQL** and **Python**.
- Developed a **CakePHP** payroll and expense system for Sagawa Express, covering hours, wages, and transportation claims.
- Delivered responsive frontend and efficient backend solutions while gathering requirements directly from clients.

Education

EPITA

Le Kremlin-Bicêtre, Paris, France

Master of Science in Computer Science — Software Engineering

Oct. 2020 – Apr. 2022

University of Science, Ho Chi Minh City

Ho Chi Minh City, Vietnam

Bachelor of Science in Physics — Physics and Computer Science

Oct. 2012 – Oct. 2016

Selected Projects

Orange Business — Innovation Radar

[GitHub](#) ↗

- Built a platform that helps Orange Business discover, assess, and prioritize innovation opportunities from market data, research, regulations, and public tenders.
- Connected evidence to each opportunity, calculated Attractiveness and Right-to-Win scores using transparent criteria, and used **Generative AI** only for evidence-backed proposals, summaries, and descriptions.
- **Technologies:** Python, FastAPI, React, TypeScript, SQLite, Generative AI, Azure App Service

RailPulse — SNCB GenAI Challenge

[GitHub](#) ↗

- Built a **Generative AI** assistant that lets railway operators query data in natural language instead of writing **SQL**.
- Converted questions into safe **Text-to-SQL** queries, analyzed results, and generated clear operational recommendations with **SQL guardrails** and restricted data access.
- **Technologies:** Python, Streamlit, Generative AI, Text-to-SQL, Groq API, Ollama, Llama, Azure SQL, SQLite, Pandas, Power BI, Prompt Engineering, SQL Guardrails

Immo Eliza — Belgian Real Estate Price Prediction

[GitHub](#) ↗ · [Live demo](#) ↗

- Developed and deployed a web application that predicts Belgian real estate prices from location, living area, room count, and property condition.
- Built a **FastAPI REST API** to serve the **Machine Learning** model and an interactive **Streamlit** interface for users.
- **Technologies:** Python, XGBoost, Scikit-learn, Pandas, FastAPI, Streamlit, REST API, Docker, Render