

# LOUIS BOURNE

Full-Stack Developer | Independent Trader & Financial Analyst

@ dev@louisbourne.me [louisbourne.me](https://louisbourne.me) Thailand (flexible to work in the UK)

## FIND ME ONLINE

 GitHub  
github.com/louiskb

 LinkedIn  
linkedin.com/in/louisbourne

 Discord  
brothercap

 Fiverr - Rails MVPs  
fiverr.com/s/bdrq69m

## SUMMARY

Full-Stack Ruby on Rails Developer with hands-on experience building and launching production web applications. Recent Le Wagon Tokyo bootcamp graduate (2025) combining technical expertise in Ruby, Vue.js, and PostgreSQL with 5.5+ years of independent trading and financial analysis across cryptocurrency, forex, gold, and stock indices. British-Thai developer applying structured decision-making from trading and a disciplined A/B testing mindset from running WooCommerce and Shopify stores with Facebook Ads and Google PPC to software development. Proven ability to deliver production-ready MVPs quickly while maintaining clean code standards and user-focused design.

## CURRENTLY

Open to full-time roles combining Rails development with opportunities to build growth-focused features, fintech applications, or products that need to be built, tested, and improved quickly based on user feedback. Willing to relocate to the UK for the right opportunity. Also accepting freelance Rails projects on [Fiverr](#) while based in Thailand.

## EXPERIENCE

### Full-Stack Developer

#### Self-Employed

2025 - Present Remote

- Architected and launched multiple production Ruby on Rails applications including Sipfolio, Market Sensei, and Dokodemo Fit with AI integration, real-time dashboards, and user personalization.
- Managing end-to-end development: requirements gathering, architecture, implementation, testing, and Heroku deployment.
- Integrating third-party APIs (OpenAI for AI features, market data feeds, exercise data).
- Building responsive user interfaces with modern CSS/JavaScript frameworks.
- Implementing secure user authentication, authorization systems, and email notification workflows.
- Contributing to open source: Vue.js testing infrastructure (Vitest snapshot testing) on Find a Doc Japan healthcare platform.

## SKILLS

### Languages & Frameworks

Ruby    JavaScript    HTML    CSS

Sass    Ruby on Rails    Stimulus JS

Bootstrap    Vue.js    RSpec    Jest

Vitest

### Databases & Backend

PostgreSQL    SQL    Database Design

Migrations    RESTful API Design

### AI & Integrations

OpenAI    Third-Party APIs

### Development Tools

Git / GitHub    Heroku    CLI / Terminal

Figma    Canva    Notion    VS Code

## LANGUAGES

### English

Native



### Thai

Proficient



## CORE COMPETENCIES

 Full-stack web application architecture and implementation.

 Authentication & authorization (Devise, Pundit).

 Email systems and real-time data handling (ActionMailer).

 Third-party API integration (OpenAI, market data feeds).

 Test-driven development (RSpec, Jest, Vitest).

 A/B testing and user personalization optimization.

## EXPERIENCE

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### Independent Trader & Financial Analyst

#### **Self-Employed**

⌚ 2020 - Present 🗺 Remote

- Executed structured trading strategies with rigorous risk management across cryptocurrency, forex, gold, and stock indices.
- Approach the market with disciplined decision-making and systematic risk management protocols.
- Conducted continuous market research and adapted strategies based on technical patterns.
- Applied experimental mindset to optimization: Back-testing strategies, parameter optimization, position sizing discipline.

### Digital Marketing & Performance Optimization

#### **Self-Employed**

⌚ 2017 - 2020 🗺 Remote

- Executed and optimized Facebook Ads and Google PPC campaigns with A/B testing for conversion optimization.
- Analyzed campaign performance metrics and scaled advertising channels.
- Managed online store operations using WordPress, WooCommerce, and Shopify.
- Conducted digital marketing analysis and sales funnel optimization.

### Climate Change Documentary TV Presenter

#### **Thai PBS**

⌚ 2019 🗺 Thailand, Cambodia, Vietnam

- Hosted a 5-episode Thai-language climate change documentary across the Gulf of Thailand, Cambodia, and Vietnam in 2019.
- The series aired nationally on Thai PBS, Thailand's national public television network, and continues to receive on-air exposure.
- Highlighted climate impacts on coastal communities and marine ecosystems in Southeast Asia through on-location storytelling.
- Brought Thai perspectives to the climate conversation via interviews and field reporting in local contexts.
- [Watch episode 4 on YouTube.](#)

## PROJECTS

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### Market Sensei

⌚ 2025 🗺 Tokyo, Japan

🔗 [www.marketsensei.app](http://www.marketsensei.app)

**Cryptocurrency Trading Platform:** Collaborated with a team of 3 to build a comprehensive crypto trading platform integrating AI-driven content with intuitive trading tools. Features real-time market data integration, AI-powered chat for trading and market analysis education, user dashboards, trading journal, web 3 crypto wallet integration and in-app swap feature. Demonstrates both technical capability and deep understanding of financial markets through practical application of trading knowledge.

- Tech Stack:** Ruby on Rails, Bootstrap, Stimulus JS, PostgreSQL, Active Record, OpenAI API.
- Key Features:** Real-time dashboards, AI chat integration, trading journal, user personalization.
- GitHub:** *Private.*

## CORE COMPETENCIES

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Responsive web design and UI/UX implementation.



MVP development and deployment.

## CERTIFICATION

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### AI Software Development Bootcamp

Le Wagon (Tokyo), 2025

### Fullstack Web App & Mobile Development Bootcamp

Nucamp, 2023-2024

### Unlimited Wealth Program

LearnToTrade UK, 2020-2021

### Professional Diploma in Digital Marketing

Digital Marketing Institute, 2018

## EDUCATION

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### Bachelor of Science in Marine Biology

Newcastle University

⌚ 2008 - 2011

## WHY HIRE ME

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### Production-Ready Code

Experience building and launching applications.



### Full-Stack Ownership

Handle frontend, backend, database, deployment independently without dependency on others.



### A/B Testing Mindset

5.5+ years trading experience (back-testing, optimization) + digital marketing A/B testing brings experimental discipline to software development.



### Market Understanding

Independent trader and financial analyst; understands fintech applications, trading platforms, and market data integration at technical level.



### Vue.js & Rails Stack

Production Rails experience plus Vue.js open source contributions.

# PROJECTS

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## Dokodemo Fit

⌚ 2025 📍 Tokyo, Japan

🔗 [dokodemo-fit-66811301c708.herokuapp.com](https://dokodemo-fit-66811301c708.herokuapp.com)

**AI-Powered Fitness Application:** Collaborated with a team of 3 to build an AI-driven fitness app that generates personalized exercise routines based on available home equipment. Showcases ability to embed personalization and experimentation into consumer-facing experiences through features such as dynamic workout scheduling, multiple training plans for different occasions, and meal planning.

- **Tech Stack:** Ruby on Rails, Bootstrap, Stimulus JS, PostgreSQL, Active Record, OpenAI API.
- **Key Features:** AI personalization and dynamic scheduling.
- **GitHub:** [github.com/louiskb/DokodemoFit](https://github.com/louiskb/DokodemoFit)

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## Sipfolio

⌚ 2025 📍 Seoul, South Korea

🔗 [sipfolio.rocks](https://sipfolio.rocks)

**Social Cocktail Application:** A gamified social cocktail recipe-sharing platform where users discover, create, and share cocktail recipes with social engagement features. Built with Rails, PostgreSQL, and Stimulus JS. Features user authentication, profile systems, gamification mechanics, and social interactions.

- **Tech Stack:** Ruby on Rails, Stimulus JS, PostgreSQL, Bootstrap, Active Record, Devise, Pundit.
- **Key Features:** Recipe sharing, recipe creation and editing, recipe rating, social cocktail app.
- **GitHub:** [github.com/louiskb/sipfolio](https://github.com/louiskb/sipfolio)

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## Find a Doc Japan

⌚ 2025 📍 Tokyo, Japan

🔗 [findadoc.jp](https://findadoc.jp)

**Open Source Contributions:** Contributed to Vue.js healthcare platform connecting expats in Japan with healthcare providers. Implemented snapshot testing using Jest and Vitest to ensure rendered components maintain visual integrity across deployments.

- **Tech Stack:** Vue.js, JavaScript, Jest, Vitest.
- **GitHub:** [github.com/ourjapanlife](https://github.com/ourjapanlife)

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## Louis Bourne Portfolio Website

⌚ 2025 📍 Chiang Mai, Thailand

🔗 [louisbourne.me](https://louisbourne.me)

**Personal Portfolio Website:** My portfolio website and blog showcasing projects, technical skills, and professional background. Also functions as a full blog application with a custom blog post builder for creating and managing content. Built with modern responsive design principles focusing on user experience and clear communication of capabilities.

- **Tech Stack:** Ruby on Rails, Stimulus JS, PostgreSQL, Bootstrap, Active Record, Devise.
- **Key Features:** Personal portfolio web app with integrated blog and custom post builder.
- **GitHub:** [github.com/louiskb/louisb-portfolio](https://github.com/louiskb/louisb-portfolio)

# WHY HIRE ME

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## ✓ Self-Motivated & Resilient

Completed Te Araroa 3,000 km thru-hike over four months in 2024/2025; demonstrates persistence, planning, and execution.

## ✓ International & Remote-Ready

British-Thai developer based in Thailand, fluent in English and Thai; async collaboration experience.

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# INTERESTS

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## Trading & Finance

Active independent trader across crypto, forex, precious metals, and indices with structured approach to risk management and decision making.

## Outdoor Adventure

Completed Te Araroa 3,000 km New Zealand thru-hike (2024/2025); passionate about hiking, kite surfing, lifting, and running.

## Continuous Learning

Open source contributions, technical documentation, blockchain / Web3 technologies.

## International Culture

Fluent in English and Thai; experience living and working across diverse countries.