

# Louise Pike

## Software Engineer

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<https://louisepike.netlify.app/>  
<https://github.com/stars/louisep1/lists/portfolio>

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## Work Experience

### Software Engineer | Pyxos Corp

December 2022 to December 2023

📍 Japan

- Proficiently utilized Vue.js, Vuex, JavaScript/TypeScript, Sass/SCSS, HTML, Node.js, Express, MySQL, Sequelize, Jest, Vue Test Utils, Socket.io, and Google Cloud Platform in the development of a full-stack cloud-based clinical web application for animal hospitals.
- Orchestrated the management of patient records, handling large data sets, processing payments, and facilitating real-time reservations.
- Oversaw the entire development process, including planning, implementation of ideas, decision-making for necessary changes, UI and API structure design, and creation and testing phases.
- Implemented new features and resolved bugs, resulting in an enhanced user experience and improved application functionality.
- Successfully responded to client requests, demonstrating effective communication skills and a proactive approach to addressing their needs.
- Wrote comprehensive unit tests for both front-end and back-end components, covering a wide range of scenarios to ensure robustness and reliability.
- Contributed to the introduction of a new insurance company, involving complex logic to calculate unique costs and modifying the backend API and database tables accordingly. Leveraged front-end state management to efficiently check patients' insurance information and update the UI dynamically. Skillfully addressed inconsistencies in patients' insurance types, resulting in improved accuracy and reliability.
- Actively engaged in agile software development practices, utilizing Kanban (Trello) for efficient project management and collaboration.

## Summary

Highly-motivated software engineer, specialising in full stack web development. As a developer, I enjoy the challenge of continually learning and solving problems and find great fulfillment in seeing code work successfully and in building new and innovative features.

## Tech stack / Skills

### Frontend:

JavaScript TypeScript CSS HTML  
Vue.js Vuex React React Router  
Redux Redux Toolkit Jest Sass/SCSS  
Bootstrap Tailwind CSS Daisy UI Axios

### Backend:

Node.js Express MySQL SQL Sequelize  
NoSQL MongoDB Mongoose JSON  
Web Token Bcrypt

### Additional tools/skills:

GitHub/GitHub Desktop Postman  
HeidiSQL MySQL Workbench XAMPP  
phpMyAdmin MongoDB Compass  
Firebase/Firestore  
PayPal Sandbox Heroku Render  
Agile development Kanban

## Projects

### Clean Hotels | React, MySQL, Sass (Prior to December 2022)

Using React and Sass/SCSS in the frontend and MySQL, Express and Node.js in the backend, users can browse the page of this small chain of local hotels and reserve a room today.

<https://clean-hotels.onrender.com>

### Event Ticket Page | Node.js, Mongoose, Bootstrap (Prior to December 2022)

Using React with Bootstrap styling in the frontend and MongoDB, Mongoose and Express in the backend, this full stack app allows users to buy and sell tickets to their favourite events.

<https://event-ticket-page.onrender.com/>

### Social Networking App | DaisyUI, Tailwind, React (Prior to December 2022)

The Social Network App is a mobile-first messaging page, built with React, Tailwind CSS and DaisyUI in the frontend, inspired by popular modern-day messaging services and designed for optimum use on a mobile device. Users can search for friends by email address and send messages.

<https://social-network-app.onrender.com/>

## Past Work Experience

### Educator | Yaruki Switch Group

📍 Japan

July 2019 to July 2022 (3 years)

- Teaching children with very little English experience and exposure.
- Focus on active language production.
- Adept at working with clients (students) directly, face-to-face, considering their needs, goals and requirements.
- Worked within a diverse team of Japanese and international staff.

### Nursery Manager | Tinysaurus Nurseries

📍 UK

February 2018 to March 2019 (1 year)

- Started as a Trainee Manager, then Assistant Manager, then Nursery Manager
- Leadership of staff and overseeing tasks, officer of health and safety, delivering training, recruitment, marketing, ensuring customer satisfaction, dealing with complains and issues.

### Receptionist | Kicks Martial Arts Center

January 2016 to July 2019 (3½ years)

- Part-time work as a receptionist at a local martial arts centre.
- Teamwork and communication were essential to this smaller, family-run business.

### Activities Coordinator | Lyndhurst Rest Homes

August 2016 to March 2017 (½ year)

- Organised activities for elderly residents in a care home. (Part-time)

## Education History



**CELTA (Cambridge English Level 5 Certificate in Teaching English to Speakers of Other Languages) | St Giles, Brighton**

April – May 2019

Grade A Pass



**MA International Education and Development | University of Sussex**

Sept 2016 – Sept 2017

Merit

**BA Childhood and Youth | University of Sussex**

Sept 2013 – July 2016

First Class Honours

## Languages

**English**

Native

**Japanese**

Conversational

## Passions

Dance   Scuba diving   Travel   Outdoors  
Walking   Learning   Languages