

Louise Pike

Software Engineer

📍 Tokyo, Japan

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🔗 <https://github.com/stars/louisep1/lists/portfolio>

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Work Experience

Software Engineer | Pyxos Corp

📍 Japan

December 2022 to present

- *Vue.js, Vuex, JavaScript/TypeScript, Sass/SCSS, HTML, Node.js, Express, MySQL, Sequelize, Jest, Vue Test Utils, Socket.io, Google Cloud Platform*
- Full stack cloud-based clinical web application for the day-to-day operation of animal hospitals. Managing patient records, handling vast amounts of data, calculating payments, and processing reservations in realtime.
- Overseeing the entire process from planning out how to implement ideas and deciding what changes need to be made, designing of both the UI and api structure, creation and testing.
- Implementing new features, fixing bugs, actively improving user experience, responding to client requests, writing unit tests, performing code reviews.
- For example, worked on a project introducing new insurance company. Using logic to calculate the breakdown of unique costs, rewriting the backend api to read and write new data and alter the database tables to incorporate new values, use of frontend state management to check a patient's insurance and update the UI accordingly, accounting for inconsistencies in a patient's insurance type, writing front and backend unit tests to envisage as many different scenarios the user may encounter, fixing any resulting bugs.
- Agile software development, kanban (trello)

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

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

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

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