

# JENNIE LIN

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## Education

### Stockholm University

*Master of Science in Information Security*

Aug. 2023 – June 2025

*Stockholm, Sweden*

## Projects

## Portfolio

### Boardy - Real-Time Collaboration | *Next.js, React, Tailwind, Typescript, Shadcn UI*

June 2024

- Developed a collaborative whiteboard application using **Convex** as the backend and database, implementing **Convex** and **Clerk** for authentication features, including inviting friends to share boards, and managing login and logout pages.
- Built the project's basic structure with **Next.js**'s App Route, creating a basic layout for the app, consisting of two sidebars, a navbar, and a main panel.
- Enhanced the visual and interactive elements of the application using **Tailwind CSS** and **Shadcn UI**, ensuring responsive layout, adding user activity notifications, and improving overall user experience with dynamic interactions.
- Implemented state management and real-time collaboration using **Liveblocks**' object features and API, enabling users to insert various shapes, utilize drawing tools, and interact with multiple users in real-time within the same room.

### The Wild Oasis | *Vite, React, Styled-Component, Supabase*

February 2024

- Developed a **full-stack application** for a small boutique hotel with 8 luxurious wooden cabins, incorporating **Supabase** for backend data management and authentication, and implementing **React Router** for project routing.
- Created an internal system for staff to check hotel bookings, cabins, and handle guest check-ins and check-outs.
- Utilized **React Query** for remote state management and **Context API** for UI state management to enhance data handling, allowing for **CRUD operations** on bookings, cabins, and check-in/check-out data with Supabase.
- Styled the application with **Styled-Components** and implemented form management with **React Hook Form**, integrating libraries such as **React Hot Toast**, **Recharts**, **React Icons**, and **date-fns** for components.

### Fast React Pizza App | *Vite, React, React Router, Redux, Tailwind CSS*

December 2023

- Built a **single-page application (SPA)** using **Vite** and **React**, incorporating **React Router** for routing and data.
- Utilized **React Router**'s data loading to manage the global remote state, enhancing interactivity and responsiveness.
- Styled the project with **Tailwind CSS**, resulting in a visually appealing and user-friendly interface for interaction.
- Implemented global UI state management using **React Redux**, **Redux Toolkit**, and **Redux Thunk**, enabling users to seamlessly order pizzas and have them delivered to their homes.

### Mapty APP | *Vanilla Javascript, CSS, HTML OOP, Leaflet*

October 2023

- Developed a sports tracking app to mark cycling and running routes using interactive maps.
- Implemented with **Vanilla JavaScript**, **CSS**, **HTML** using **OOP** to structure the architecture.
- Integrated geolocation API and the Leaflet library to fetch and display user's real-time geographical position, enabling users to tag and interact with their sports activities on the map.

## Experience

### Euromonitor International

Jul 2022 – Sep 2022

*Part-time assistant - Market Research Project*

*Hangzhou, Zhejiang*

- Produced detailed market analysis reports through collaborative teamwork, leveraging tools such as ThinkCell, Excel, and PowerBI to deliver actionable insights and new market directions to clients.
- Utilized structured interview techniques to collect data on company's market size, engaging with various internal stakeholders to ensure the accuracy and relevance of information.
- Performed extensive field research across domestic battery lines, negotiating and collecting data from dealers, and enhancing the data collection process through direct interactions.
- Employed Tableau for data integration and visualization, analyzing competitors and presenting market trends effectively to aid strategic decision-making.

## Technical and Additional Skills

**Programming Languages:** HTML/CSS, JavaScript, Typescript, Java

**Other Technologies:** React, Vite, Next.js, Supabase, Convex, Clerk

**Language:** Fluent in English and Mandarin(native), basic Cantonese and Swedish