

JENNIE LIN

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Portfolio Website

LinkedIn

zhennilin1115@gmail.com

Github

Education

Information Security

Stockholm University - Master of Science

Aug. 2023 – June 2025

Stockholm, Sweden

Business Administration

Macau University of Science and Technology - Bachelor of Business Administration

Aug. 2019 – June 2023

Macau, China

Technical and Additional Skills

Programming Languages: Java, Python, Javascript, SQL, Typescript, HTML, CSS

Other Technologies: Spring Boot, Spring Cloud, Flask, Redis, React, Vite, Next.js, Maven, Junit, Tailwind CSS, Redux Toolkit, Linux, Git, Postman, Wireshark, Docker, BitBucket

Language: Fluent in English and Mandarin(native)

Work and School Experience

Full Stack Developer

Aug 2024 – Present

Luday - Internship

Stockholm

- Updated features and fixed bugs for business systems microservices with **Next.js** and **Docker**.
- Managed version control and automated **CD/CI pipeline** with BitBucket to enable faster, reliable releases.
- Applied **Agile principles** and attended Scrum meetings to enhance team communication and ensure timely project delivery.

Project Leader

Mar 2024 – May 2024

Cyber Forensics Lab Project

Stockholm, Sweden

- Analyzed .pcap files to trace suspicious traffic sources, destinations, and attack methods.
- Investigated network intrusions by analyzing traffic captures and Linux server images, generating reports.
- Conducted network forensics using Wireshark, Autopsy/FTK Imager, and Kali Linux VM to analyze intrusions and suspicious traffic

Projects

Bank Microservices System | Java, Spring Boot, Spring Cloud, MySQL, Docker | Website Link

December 2024

Backend Developer

- Built three **RESTful microservices** with Spring Boot, MySQL, and Springdoc OpenAPI.
- Dockerized** microservices and used Docker Compose for streamlined deployment and scalability
- Configured **Spring Cloud Config** for centralized management, allowing microservices to fetch configs from GitHub
- Implemented **Eureka Server** for client-side service discovery, enabling seamless internal API communication

Book Management Application | React, Vite, Spring Boot, MySQL, AWS | Website Link

October 2024

Fullstack Developer

- Built a book management platform using React + Vite, and Spring Boot REST API for user and admin functionalities
- Secured user login with OAuth2 via Okta and integrated Stripe for late fee payments
- Migrated the database from local MySQL to **AWS RDS**, deployed the application on **EC2** and **S3**, and secured communications with SSL/TLS certificates (AWS ACM and CloudFront).

FlowBrain - AI Notes | OpenAI, Pinecone, Next.js, Shadcn UI, Clerk | Website Link

October 2024

Fullstack Developer

- Integrated an **AI-driven chat** with OpenAI, enabling contextual dialogue on notes to help users gain insights.
- Enhanced note search and retrieval with Pinecone's vector similarity, enabling quick access to relevant content.
- Built with Next.js and Shadcn UI for a smooth, interactive experience, secured by Clerk for data privacy.

The Wild Oasis | Vite, React, Styled-Component, Supabase | Website Link

February 2024

Fullstack Developer

- Developed a full-stack app for a boutique hotel using Supabase for backend and React + Vite for frontend
- Used React Query and Context API for state management, enabling **CRUD operations** with Supabase
- Styled the app with Styled-Components and managed forms using React Hook Form, integrating libraries like React Hot Toast, Recharts, React Icons, and date-fns.