

Kai Lin

(Legal name: Kaichong Lin)

Fullstack Developer

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TECHNICAL SKILLS

- **Programming Language:** JavaScript, Python, Java, SQL
- **Front-end Tech:** React.js, Redux, Vite, HTML, CSS, Tailwind, Bootstrap, MaterialUI
- **Back-end Tech:** Node.js, Express.js, MongoDB, PostgreSQL, OAuth2, JWT, Spring Boot
- **Other Tech:** AWS S3, Git/Github SSH, WSL, Beekeeper, Postman, CORS

TECHNICAL PROJECTS

- GoVibe | Software Engineer** | <https://github.com/Dynamo-Dark-Aid/GoVibeFE> | June/2023 - July/2023
- A group project that built the mobile app and sold it for **\$5000**
 - Developed this mobile app using **React Native, Redux, Ruby on Rails**, and **PostgreSQL** to showcase surrounding area attractions and activities, mainly focused on the front-end part of the application.
 - Integrated Travel Advisor API for data gathering and Google Maps API for rendering markers and places based on user location. Managed global states, implemented by **Redux** across client side
 - Configured Google Places API to search and display user-interested places with descriptions and markers on the map view.
- Roamie | Software Engineer** | <https://github.com/HouseSittingApp/HouseSittingApp> | February/2024 - Current
- Led the development of a housesitting web application, charged with back-end development and front-end development except for styling design.
 - Developed front-end with **React** and **JavaScript**, back-end with **Java, Spring Boot**, and **JWT, MongoDB** for data storing, and **AWS S3** for file uploading and storing
 - Implemented and managed over 20+ **RESTful APIs**, focusing on critical features such as data storing and responding, file uploading and storing, and user authentication/ authorization
 - Designed and implemented token-based user authentication and authorization with **JSON Web Token**, utilized security with **Java Security**
- KeyScreens | Full-stack Software Engineer** | https://github.com/keven0311/Key_Screens | May/2024 - Current
- An Electron.js desktop application that allows users to join a room to share desktop screens and chats.
 - Developed the application with **JavaScript, Electron.js, Node.js, Express.js**, and **WebRTC**.
 - Utilized desktop application development through the Electron framework. Built the **Socket.io** signaling service for both **WebRTC PeerConnection** and chat message transporting in the **Express** server.
 - Designed separate signaling methods for the application system that the audiences establish the **RTCPeerConnection** through the **Socket.io** signaling server, while directly using **Socket.io** for chat messages delivering

EXPERIENCE

- Area Manager | KC LLC** | Lincoln, NE | February/2021 - December/2023
- Conducted market research to identify and source new products for international trading
 - Negotiated favorable deals with suppliers, achieving cost savings of 5% on an average cost of \$80,000 product
 - Managed a budget of \$200,000, ensuring efficient allocation of funds and resources
 - Ensured stable and reliable supplement supply by maintaining strong relationships with suppliers by keeping in touch with them and providing information or help if needed.
- Operation Specialist | Google Development Launchpad** | Hefei, China | September/2015 - December/2015
- Provided hands-on support and guidance to incubator teams in the Google Development Launchpad program, contributing to their growth and success.
 - Supported incubator teams with some marketing strategies and actionable suggestions to refine their business plan, utilizing my expertise in business for some of the startup groups in the incubator

EDUCATION

Fullstack Academy Web Development Bootcamp
Software Engineering Certificate
Full-time, Full Stack Development

Doane University
Master of Arts in Management

University of Nebraska - Lincoln
Bachelor of Science in Business Administration