# Vincent Zhang

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## EXPERIENCE

**Aspiring Software Developer**

Feb. 2024 - Present
- Currently enrolled in a dynamic bootcamp program focusing on full-stack development, with studies commenced in February 2024.
- Actively advancing proficiency in the MERN (MongoDB, Express.js, React, Node.js) stack, in addition to mastering foundational technologies such as HTML, CSS, and JavaScript.

Sep. 2022 - Jan. 2024
- Dedicated to self-directed learning of the MERN stack
- Creating personal projects to demonstrate programming skills and foster creativity during the period from September 2022 to January 2024.

## PROJECT EXPERIENCE

**Real Estate Website Development**| GitHub                Sep. 2023 - Jan. 2024

- **Technologies Used**: React, Node.js, Express, MongoDB, Bootstrap, Bcrypt
- **Project Overview**: Developed a full-stack real estate website that allows users to register and log in with two types of roles: Real Estate Advisors and Clients.

- **Key Features**:
    - **User Authentication**: Implemented secure user registration and login functionality for both Real Estate Advisors and Clients.
    - **Secure Password Management**: Utilized Bcrypt for hashing and securely managing user passwords.
    - **Property Inquiry**: Clients can browse listed properties and submit inquiry forms for their favorite houses.
    - **Advisor Dashboard**: Real Estate Advisors can access detailed inquiry information, including client details and specific properties of interest.
    - **Property Filtering**: Implemented a filtering system that allows clients to search for properties based on city.
    - **AWS Deployment**: Deployed the application on Amazon Web Services (AWS) for scalability, reliability, and efficient management of server resources.
- **Responsibilities**:
    - Designed and developed the frontend using React and Bootstrap for responsive and user-friendly interfaces.
    - Created RESTful APIs with Express and Node.js to handle user authentication, property listings, and inquiries.
    - Implemented MongoDB for efficient data storage and retrieval of user

information, property details, and inquiries.
- ○ Ensured smooth interaction between the frontend and backend, and managed state using React hooks and context.
- ○ Secured user data by integrating Bcrypt to hash and manage passwords.
- ○ Deployed the application on AWS, leveraging services like EC2, S3, and Route 53 for scalable and reliable hosting.
- ○ Outcome: Successfully launched a functional and user-friendly real estate platform, enhancing the property search and inquiry process for clients and providing real estate advisors with valuable client insights.

**Airbnb Full-Stack Project** | [GitHub](GitHub)
- The project encompassed features such as user registration, login, property listing, and reservation management.
- Utilized React to build an intuitive and interactive front-end interface, enhancing user experience.

## EDUCATION

Wuhan Sports University                                    Sep. 2013 - Jun. 2017

## SKILLS

**Programming Skills:**   JavaScript/TypeScript,python
**Other Technologies:**  ReactJS, React Hooks, Redux ,zustand, HTML, CSS, Next.js, MongoDB,  Express.js,  Node.js, Git,gitHub,Bootstrap,TailwindCSS,AWS.