

# AKSHAR PATEL

Full Stack Software Engineer

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## TECHNICAL SKILLS

**Frontend:** React.js, React Native, Redux, JavaScript, HTML, CSS, Jinja

**Backend:** Node.js, Express, Python, Flask, Java, SQL, SQLAlchemy, NoSQL, PostgreSQL

**Expertise:** UI/UX Design, Object-Oriented Programming, Agile Project Management, Algorithms, Architecture, Debugging, Deployment, Docker, Spring, XML, Maven, JUnit

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## PROJECTS

### CROSSTALK

[Live](#) | [GitHub Repo](#)

A one-page project built by a team of engineers on a single shared codebase as a live messaging application

- Built a live messaging system through the use of SocketIO websockets to allow sent messages to update on all connected local environments
- Arranged channel system using Flask, SQLAlchemy and React-Redux to create an organized map per server for users to peruse to find messages in relation to their interests

### ISLANDBNB

[Live](#) | [GitHub Repo](#)

A one-page AirBnB clone designed with a theme of staying on islands rather than properties

- Constructed with Javascript, using a backend Express router for serving a SQL database, while using a React-Redux frontend for agile state management
  - Implemented custom user authentication utilizing BCrypt Hashing Function on the backend and React Auth Routes on the frontend to prevent storage of plain text passwords and restrict access to user specific data and features
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## WORK EXPERIENCE

### Patient Care Associate

Mar 2022 – Jan 2023

The James Cancer Hospital, The Ohio State University, Columbus OH

- Communicated and collaborated in a team to provide optimal patient care as well as ensure safety protocols were maintained in high-pressure emergency environments
- Monitored patient vital signs, continually provided data entry for primary caretakers, and earned commendation for going above and beyond in my responsibilities

### Medical Scribe

Dec 2020 – Nov 2021

The Wexner Medical Center, The Ohio State University, Columbus OH

- Listened to and observed interactions between patients and providers to accurately record data in patient medical records
  - Communicated with healthcare providers and other staff to ensure quality of recordings and documentation follow all hospital standards and guidelines
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## EDUCATION

Software Engineering | Full Stack

App Academy – 2024

Bachelor's of Science | Biology

The Ohio State University – 2019