

# Jingling Jin

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[PORTFOLIO](#)

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Houston / Texas

## SKILLS

Javascript, React, Redux, HTML, CSS, SQL, Node.js, Python, Heroku, Express.js, Git, PostgreSQL, Node.js

## PROJECTS

**Instagramom** (Python, Flask, SQLAlchemy, React / Redux, Docker, PostgreSQL, AWS S3, CSS, HTML, Heroku)

[live](#) | [github](#)

*Solo Project - An Instagram clone built with **React JS** front and **Python** server.*

- Utilize **AWS S3** to implement user image and video uploads, reducing server load and allowing for scalability of media services.
- Harnessed the unidirectional state management of **Redux** to simplify **React** components and directly manage data for form inputs and form submissions.
- Ensured user security and authentication with **Flask WTFORMS** and **Flask-Login**; **WTFORMS** checked the users information and **Flask-Login** sent back the appropriate data to the frontend.

**Chatter** (Python, React / Redux, PostgreSQL, AWS S3, Docker, Web Socket, CSS, HTML)

[live](#) | [github](#)

*Team Project - An Slack clone built with **React JS** front and **Python** server.*

- Utilized **AWS S3** to facilitate user image uploads to be displayed in custom React components, allowing users to create profile photos.
- Collaborated on a team of four engineers to design the backend using **SQLAlchemy** to create the database and query all the data along with **Flask** to process the data into **JSON** format and send it to the frontend.
- Incorporate a fully customized search box **ReactSearchAutoComplete** to improve user experience.
- Utilize **Socket.io** with Flask and React to implement a persistent connection between a client and server to allow users to experience a real-time live chat.

**Whenevernote** (Express.js, ReactJS, Redux, PostgreSQL, CSS)

[live](#) | [github](#)

*Solo Project - An Evernote clone built with **React JS** front end and **Express JS** server.*

- Built **Express** server routes paired with Sequelize querying to enable
- Harnessed the unidirectional state management of **Redux** to simplify **React** components and directly manage data for form inputs and form submissions.

## EXPERIENCE

**SAP ABAP Programmer**

ASPN COMPANY

2009-2010

- Supported customers using SAP Management Material module and related applications.
- Maintained a high degree of customer satisfaction due to ability to solve issues quickly.
- Managed upgrades and maintenance of software.

## EDUCATION

**App Academy**

Immersive software development course with focus on full stack web development.

2021 - 2022

**The University of Texas at Dallas**

Master's degree in Geophysics.

2014 - 2015

**Yanbian University of Science and Technology**

Bachelor's degree in Electrical Engineering

2004 - 2008