

# Alex Zelinsky

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## SKILLS

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**Software:** JavaScript, Python, React, Redux, Node, Express, Flask, SQL, Sequelize, SQLAlchemy, Docker, Alembic, Git, Heroku, REST, Firebase, HTML, CSS, Salesforce

## SOFTWARE PROJECTS

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### Cracking Leetcode

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

*Python, JavaScript, Flask, SQLAlchemy, React, Redux, Docker, CodeMirror, HTML, CSS*

- Developed a full stack CRUD web application to help developers learn data structures and algorithms efficiently through 50 curated questions, user solutions, problem ratings, and a progress tracker
- Integrated CodeMirror's code editor into the React application to provide users with language-specific code formatting and syntax highlighting for submitting solutions
- Utilized Redux to provide components direct access to the application's state to create scalable, modular components

### Legendhood (Robinhood Clone)

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

*Python, JavaScript, Flask, SQLAlchemy, React, Redux, Docker, Chart.js, HTML, CSS*

- Employed Finnhub's API to provide users with live stock data, live market and company news, and past financial trends
- Implemented Chart.js to display stock data for current, one week, one month, three months, and one-year time frames
- Engineered a full stack financial application to replicate the functionality of Robinhood

### BudgetBetter (HackCWRU 2022: FinTech Track, 1st Place)

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

*JavaScript, Python, React, Redux, Flask, SQLAlchemy, Docker, Recharts, HTML, CSS*

- Developed the UI for the bank account visualizer, utilizing Recharts and Material UI for a professional layout
- Incorporated Recharts to display a user's transaction data visually on a line graph
- Refactored the project post hackathon and built a full stack CRUD application with a RESTful API and database to allow users to input data and display it dynamically

### HackUp (Meetup Clone)

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

*JavaScript, Express, Sequelize, React, Redux, HTML, CSS*

- Integrated Express, SQLite3, and Sequelize to build a RESTful API and a relational database to enable data to be stored persistently and to serve dynamic data to the frontend
- Created an interactive interface with React for users to create, join, and attend technology-oriented groups and events

## WORK EXPERIENCE

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### In Plain English

**Remote**

*Technical Writer*

*May 2022 - Present*

- Composed technical articles for the JavaScript in Plain English publication, which has over two million monthly readers
- Authored content that succinctly explains web development concepts, such as JavaScript methods, OOP, data structures and algorithms, and web security

### Office of Mayor Darrell Steinberg

**City Hall, 915 I Street, Sacramento, CA 95814**

*Constituent Affairs Assistant*

*March 2021 - October 2021*

- Addressed 30+ constituent cases in Salesforce daily to ensure constituent satisfaction with the Mayor's initiatives
- Researched federal, state, and local policies and wrote executive summaries to help develop content for the Mayor's blog

## EDUCATION

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### University of California, Davis

**Davis, CA**

*Bachelor of Science in Managerial Economics*

*March 2022*

*Minor: Philosophy*

- GPA: 3.65

### App Academy

**San Francisco, CA**

*24-Week Online Software Engineering Program*

*September 2022*

- Rigorous 24-week software development course with a focus on full stack web development