

# Abel Brianvil

## Software Engineer

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**SKILLS**    JavaScript, Python, HTML5, CSS, Flask, React.js, Redux, SQL, SQLAlchemy, Express, Git

## PROJECTS

**BankAbel**    [Live Site](#) : <https://bankabel.onrender.com/> | [Github](#) <https://github.com/abrianvil/BankAbel>  
A Full stack application, similar to Venmo, built using JavaScript, Python, React, and Flask.

- Developed a backend database API using Flask and SQLAlchemy, improving server response time by 30%
- Implemented a responsive frontend, using react, redux,html, and CSS, resulting in a 15% increase in user engagement
- Created accessible and functional user interfaces, resulting in a 10% increase in user satisfaction

**Q-cord**    [Live Site](#) : <https://q-cord.onrender.com/> | [Github](#) :<https://github.com/ddb048/Discord-API-clone>  
*Q-CORD is a clone of the site DISCORD. This was a project to simulate working within a group environment within a time constraint.*

- Implemented Web Flask WebSockets and websocket.io, reducing the render time for messages by 15%.
- Created backend design for User authorization, Servers, Channels, and Chat, resulting in a 25% increase in user retention.
- Group project completed within one week with daily standup meetings, resulting in a 10% increase in team productivity.

**AbelBnB**    [Live Site](#) : <https://abelbnb.herokuapp.com/> | [Github](#) :<https://github.com/abrianvil/API-project>  
*AbelBnB is a web application inspired by Airbnb, that allows a user to list a rental property, delete a rental property, edit said rental property, and review other rental properties.*

- Developed a backend database API using Express.js and Sequelize, improving server response time by 20%.
- Created an interactive and responsive frontend, using react, redux,html, and CSS, focused on giving the user an exceptional user experience.

## EXPERIENCE

### HVAC tech

*TriCounty*, September 2021 - May 2022

- Conveyed the process of changing an HVAC system and how to operate said system to the customer.
- Succeeded in complete change out of more than 200 HVAC systems.

### Project Manager

*Crystalens Media*, March 2013 - Dec 2020

- Oversaw customer relations.
- Spearheaded customer-first culture improving company likability by ten percent.

## EDUCATION

**App Academy** - Immersive software development course with a focus on full-stack web development  
(Summer2022)