

# Melinda Cortez

SOFTWARE ENGINEER

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## TECHNICAL SKILLS

React, Redux, JavaScript, HTML, CSS, Python, SQL, Flask, SQLAlchemy, Express, PostgreSQL, Restful API, Node

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## PROJECTS

### Discordia

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

Collaborated with a team of four developers to develop a full-stack chat application inspired by Discord, utilizing React, Flask, Socket.IO, Redux, and AWS.

- Worked closely with team members to integrate various features, such as channel creation, message sending, and real-time conversations, enhancing the overall functionality and interactivity of the application.
- Collaborated on the implementation of real-time bidirectional communication using Socket.IO, allowing for instant message updates and notifications across channels.

### Bellana

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

Independently conceptualized, designed, and developed a project management application inspired by Asana, utilizing React, Redux, Flask, and React Beautiful Drag and Drop.

- Utilized an Agile methodology, breaking the project into manageable tasks and iterations, and regularly evaluating progress to ensure timely completion.
- Integrated React Beautiful Drag and Drop library to enable intuitive task and project management, allowing users to easily rearrange and prioritize their tasks
- Developed a RESTful API using Flask, enabling seamless communication between the frontend and backend, and handling database interactions and server-side functionalities

### MatrixBnB

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

Developed a full-stack accommodation booking application inspired by Airbnb, utilizing React, Redux, Node.js, and Express.

- Developed a RESTful API using Node.js and Express, handling server-side operations, data retrieval, and interaction with the database.
- Implemented user authentication and authorization functionalities to ensure secure access to user accounts and protect sensitive information.

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## WORK EXPERIENCE

### Substance Abuse Counselor

Jul 2019 – 2021

St John of God Healthcare Services | Victorville, CA

- Provided counseling to clients struggling with substance abuse, fostering a supportive and therapeutic environment for recovery through group and individual sessions.
- Performed hospitality duties, creating a welcoming and comfortable atmosphere for clients, similar to how tech professionals prioritize user experience and customer satisfaction.

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## EDUCATION

Web Development | Full Stack

App Academy – 2023

Associates | Psychology

Chaffey Community College – 2019