

# Ezekiel Samatua

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San Diego, CA | Software Engineer

## Technical Skills

*Programming:* Python, JavaScript ES6+, SQL, HTML5, CSS

*System Design:* Monoliths, Domain-Driven-Design, Microservices, Message Passing, Event Sourcing

*Back-End:* Django, FastAPI, Docker, PostgreSQL, RabbitMQ,

*Front-End:* React, DOM manipulation

## Application Development Experience

**Swup** | [gitlab.com/projects/wup](https://gitlab.com/projects/wup) | *Python, JavaScript, FastAPI, React, PostgreSQL* 2023

- Wired frame 'Swup' application to design the flow of the frontend and the backend of our application and depict the story of a user.
- Integrated FastAPI calls from our backend with REACT to create a cohesive flow of interaction.
- Utilized Gitlab CI/CD pipelines for deployment and collaborated within a team to successfully pass the pipelines and review merge requests.
- Implemented front end and back end authentication utilizing JSON Web Tokens in order to authenticate users throughout our application

**CarCar** | [gitlab.com/ejsamatua/project-beta](https://gitlab.com/ejsamatua/project-beta) | *Python, JavaScript, Django, React, PostgreSQL* 2023

- Created CarCar application using Python, Django, and PostgreSQL by dividing services into three microservices and isolating each with its own database.
- Pair programmed to integrate the microservice into a functioning application using JavaScript and React and resolved merge conflicts effectively.
- Developed 8 React components using the functional component style and utilized RESTful API calls to retrieve and display data in the front-end, resulting in a dynamic user experience.

**Inner-View** | [gitlab.com/ejsamatua/inner-view](https://gitlab.com/ejsamatua/inner-view) | *Python, Django, HTML, CSS* 2022

- Conceptualized the application by diagramming out the domains to begin working on one feature at a time.
- Implemented features that allows users to create and view interviews and its details using Python and Django to promote organization of the application.
- Utilized query sets to differentiate between upcoming interviews, past interviews, and interviews that granted an offer.

## Professional Experience

**Professional Service Consultant** | *LPL Financial* 2020-2022

- Supervised a team of 35 members and became responsible for handling each member's escalated calls, lead team meetings, and answered internal system questions.
- Improved inbound call productivity by taking on 20% of team's calls and providing outbound calls to Financial Advisors to assist with 30+ clients account updates, forms, and resolutions per day.
- Collaborated with internal consultants on a daily basis to resolve unusual service requests and questions, and identified trends in inbound calls to suggest operational improvements to management.

## Education

**Hack Reactor** | *Software Engineering Immersive* 2022

**University of California, San Diego** | *BS - Cognitive Science* 2015-2020

