

Jesus Angel Sandoval

## Contact Information

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## Academic Background

San Diego State University (SDSU)

- *Bachelor of Science in Computer Engineering*

Southwestern College

- *Associate in Liberal Arts, Math and Science*

## Technical Skills

Programming: Python, JavaScript, PHP, C/C++, VHDL, Microcontrollers

Databases: SQL, MongoDB

Frameworks & Tools: React, React Native, Bootstrap, Docker, AWS

Operating Systems: Linux, Windows, Apple

## Projects

Jesus' Password Manager – Password Manager Mobile App

Tools: React Native, RESTful API, Typescript, MongoDB, Express, Nginx, Cloudflare

- Developed the backend and frontend and created an APK file to install on my personal phone.
- Allows user to create a 12-character random password and save it as an entry containing the Account name, Email and/or Username and Password.
- All data is encrypted with AES, using a secret key designated by the user.

Golfbud – Golf Scorecard Mobile App

Tools: React Native, Typescript, MongoDB, Express

- Developing a React Native application that allows golfers to track their scores digitally.
- Leading the front-end development while assisting in backend API development.
- Gained hands-on experience in API design and integration.

www.trageday.com – Historical Event Web Application

Tools: PHP, SQL, JavaScript, IGDB API, Docker, Cloudflare, Nginx

- Developed a full-stack website that displays historical tragedies for each day of the year.
- Implemented an SQL database to manage and retrieve historical data efficiently.
- Utilized PHP and SQL and used Docker, Nginx, and Cloudflare to deploy the site.

## Work Experience

Solar Turbines Inc.

*Lead Project Engineering Assistant, Nov. 2022 – Present*

- Collaborate closely with customers to ensure project deadlines are met.
- Coordinate with Project Engineers and Managers to plan and execute custom features.
- Develop tools to efficiently collect technical and performance data from Power Turbines and Generators.

Starbucks

*Team Lead, Aug. 2021 – Nov. 2022*

- Trained and led teams of baristas to work effectively in a fast-paced environment.
- Assumed manager responsibilities when needed.

Wal-Mart

*Asset Protection Specialist, Sep.2020 – Aug. 2021*

- Monitored cameras and roamed the store to prevent shrinkage.
- Ensured the store complied with health and safety regulations.