

# WILLIAM ZILLER - SOFTWARE ENGINEER

willziller@gmail.com

210-569-4519

[Linkedin](#)

[Github](#)

[Portfolio](#)

## Skills

- React
- Redux
- Python
- Flask
- SQLAlchemy
- Javascript
- Sequelize
- NodeJs
- Pugs
- Docker
- Postgres
- SQL
- Git
- HTML5
- CSS3
- Express
- APIs
- AWS(Amazon Web Services)
- Mysql
- Agile Development
- Web-Based Applications
- GraphQL
- Prisma
- Nextjs

## Platforms and Tools

- VSCode
- Postman
- Retool
- Zendesk
- Jira
- Postbird
- Snowflake
- Kibana

## WORK EXPERIENCE

### Scene in SA Magazine - Publisher Remote

February 2023 - Present

- Migrated existing business operations to SaaS and cloud platforms.
- Transitioned company to a "remote-first" workplace.
- Implemented processes and workflows to modernize a 25-year old business.
- Hired, trained, and managed several new employees and contractors.
- Established new partnerships with local businesses, while renegotiating existing ones to reduce operating expenses.

### Affirm - Developer Support Engineer Remote

June 2022 - February 2023

- Built internal tools to increase efficiency and reduce operating expenses.
- Managed external communications to merchants during outages and incidents.
- Communicated with merchants to assist in the integration of Affirm with their existing ecommerce platforms.
- Compiled Root Cause Analysis Reports for merchants in the instance of a breach of Service License Agreements.

### Quesmed - Software Engineer Remote

April 2022 - June 2022

- Developing new components and features using React and GraphQL.
- A primary focus on the front-end user interaction.
- Worked with multiple remote teams.

### Somerset High School, Master Teacher San Antonio, TX

June 2019 - June 2021

- Chaired the English Department (**8 teachers**), leading professional development training sessions, implementing new writing strategies for the team, and measuring/monitoring the success of the new strategies in order to improve and pivot, as necessary.
- Leveraged **leadership** and **organizational skills** in order to coordinate the administration of new curriculum across **3 departments**.

## TECHNICAL EXPERIENCE & PROJECTS

### Chelseas's Cookies ( Python, Flask, Postgresql, and CSS)

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

*A Full Stack company retail website project where users can place orders, leave reviews, and view products and information.*

- Created a responsive and dynamic **React**-based frontend for the creation, modification, and monitoring of product orders.
- Executed a clean **Flask/Python** backend routing component, allowing for improved database management.
- Integrated a review system with full CRUD using a **Flask/Python** backend for the monitoring and moderation of product reviews.
- Increased scalability by implementing **AWS** uploading for public photos within a centralized gallery and product display.

### Quarrel (Languages and Frameworks: Javascript, Express, Postgresql, and CSS)

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

*A Full Stack single-page Quora clone where users can create Questions, Responses, and vote on responses.*

- Formulated a system for the creation of questions, responses and votes, using **Express** and a **Postgresql** database to allow full functionality within a single-page application.
- Devised a system for the simplified manipulation of the **HTML DOM** allowing for a single rendered **React** webpage.
- Programming clean **RESTful API** routes to handle user authorization in **Express** for maintaining the security of sensitive data.
- Using **CSS** and for designing styling for the site-wide design language.

## EDUCATION

### [App Academy](#) - Full Stack Software Development

2021

- Relevant coursework includes: Object Oriented Programming (OOP), Test Driven Development (TDD), Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies, REST, Coding Best Practices.

### Texas State University - Bachelor's Degree in English

Graduated 2010