

# ALEX VASQUEZ

## FULL STACK DEVELOPER

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🔗 Zanderfeldt

## SUMMARY

Highly driven full stack developer dedicated to building and optimizing user-focused websites and applications. Technically proficient and analytical problem solver with a judicious and creative approach to projects. An enthusiastic software engineer, gamer, and music producer with experience in a variety of areas, excited for any opportunity to contribute to the development of innovative designs that link my fields of passion.

## SKILLS

**FRONT END:** Javascript, HTML, CSS, Bootstrap, jQuery, AJAX, Jinja, Jasmine, React

**BACK END:** Node.js, Express, Python, Flask, SQL, PostgreSQL, Object-Relational Mapping, Jest, Pytest, JSON

**OTHER:** Git, Bash, Restful APIs, Data Structures, Deployment, Heroku, GitHub, Unit Testing, Integration Testing, Office 365

## PROJECTS

### CRATE DIGGER

Developed a web application with Python designed to give DJs, producers, and music lovers a way to discover new music through a recommendation algorithm that is informed by detailed parameters such as genre, key, tempo, danceability, loudness, and duration. The application allows users to create and organize playlists for their individual purposes.

Technologies used: Flask, PostgreSQL, SQLAlchemy, Jinja, Bootstrap, HTML, CSS, Heroku

**Repository:** <https://github.com/Zanderfeldt/Crate-Digger> || **Live Demo:** <https://crate-digger-app.herokuapp.com/>

### QREATOR

Developed a web application in JavaScript that provides users with a streamlined and easy-to-use interface for customizing, saving, downloading, and editing their own QR Codes. My purpose for this project was to create a tool to assist fellow creatives, small business owners, entrepreneurs, etc. with a straightforward way to kick start their personal branding and marketing for free.

Technologies used: Node.js, React.js, Jest, PostgreSQL, HTML, CSS, Render

**Repository:** <https://github.com/Zanderfeldt/Qreator> || **Live Demo:** <https://qreator-frontend.onrender.com/>

### WARBLER

Built a clone of the popular social media platform Twitter, called Warbler. Designed to help people connect and share content with others.

Technologies used: Python, Flask, PostgreSQL, SQLAlchemy, Jinja, Bootstrap

**Repository:** <https://github.com/Zanderfeldt/Twitter-Clone>

## EXPERIENCE

### VETERINARY CENTERS OF AMERICA

#### Vet Technician

Mar. 2022 to Current

- Utilized veterinary practice management software to fill medical prescriptions, facilitate correspondence with other clinics and pharmacies, and perform x-ray imaging.

### AP TUTORING BY ALEX

#### AP Tutor

2018 to Current

- Provided High School students with 1 on 1 tutoring in AP Chemistry and AP Calculus in preparation for graduation/college entrance exams.
- Helped students under my instruction to achieve AP exam scores of 4 or above in their respective subjects.

## EDUCATION

### Springboard

Oct. 2022 to Dec. 2023

Certification in Software Engineering 2023

800+ hours of hands-on curriculum with 1:1 industry expert mentor oversight, and completion of 4 in-depth portfolio projects covering front-end web development, back-end web development, databases, and data structures and algorithms.

Mastered Javascript, DOM Manipulation, Git, Ajax, jQuery, Python, Flask, SQL, PostgreSQL, Node, Express, React, Redux

### Icon Collective

Oct. 2019 to Oct. 2020

Certification in Sound Design & Music Production 2020

Understanding advanced music production and audio engineering techniques using analog synthesis and DAWs like Ableton and Logic.

Proficiency in recording, mixing, mastering, and music theory

### University of California - Santa Barbara

2013 to 2017

Bachelor's in Environmental Science