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 Current
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