

ALEX VASQUEZ

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github.com/Zanderfeldt

Highly driven full stack developer with a bachelor's degree dedicated to building and optimizing user-focused websites and applications. Technically proficient and analytical problem solver with a judicious and creative approach to projects. Accomplished in developing utilitarian web applications using both Javascript and Python, resulting in a growing user base. An enthusiastic software engineer and music producer, excited for the 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 their own playlists.

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

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

Software Engineer Trainee, Springboard, Remote, Oct. 2022 - Current

- Developed, designed, and deployed full stack web applications in both JavaScript and Python, which have been adopted by a growing number of users
- Became experienced in object-oriented programming, database management, interface design, data structures, algorithms, and testing/debugging code

Veterinary Technician, Veterinary Centers of America, North Hills, 2022 - Current

- Demonstrated attention to detail in accurately filling prescriptions and performing precise x-ray imaging
- Applied problem-solving skills to address various health-related challenges in patients
- Collaborated with a team of industry professionals to achieve common goals, and facilitated seamless correspondence with other clinics, showcasing effective teamwork, collaboration, and communication skills

AP Tutor, Private Tutoring, 2018 - Current

- Helped students under my instructions to achieve AP exam scores of 4 or above in AP Calculus and Chemistry

EDUCATION

Springboard — Certificate in Software Engineering — **Dec. 2023**

Icon Collective — Certificate in Audio Engineering & Music Production — **Oct. 2020**

University of California - Santa Barbara — Bachelor's in Environmental Science — **Dec. 2017**