ALEX VASQUEZ

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SUMMARY OF QUALIFICATION

Detail-oriented Full Stack Software Engineer specializing in high-quality software solutions and applications. Experienced in frontend and backend technologies such as JavaScript, Python, React, Node.js, Express, and PostgreSQL. Skilled in implementing robust, scalable web applications meeting top performance and usability standards. Highly analytical with excellent problem-solving skills, adaptability to new technologies, and a passion for continuous learning.

SKILLS

Languages: Javascript, Python, HTML5, CSS, SQL

Frameworks & Libraries: React.js, Node.js, Express, Python, Flask, jQuery, Jest, Pytest, Material UI, Bootstrap

Database & Industry Tools: PostgreSQL, Git, GitHub, Bash, Restful APIs, Unit Testing, Integration Testing

PROJECTS

QReator - Full Stack Web Application

- Created a web app for SMBs to generate personalized QR codes for branding and marketing. Enhanced security with authorization token middleware. Developed a robust database schema to store QR designs.
  - Live Site: https://qreator-frontend.onrender.com/demo
  - GitHub: https://github.com/Zanderfeldt/Qreator
  - Tech: JavaScript, Node.js, React.js, Express, Jest, PostgreSQL, HTML, CSS, Render

Crate Digger - Full Stack Web Application

- Developed a web app for DJs and music producers to discover and curate playlists. Created a RESTful API, improving communication and data access. Integrated third-party APIs and recommendation algorithms to personalize music suggestions based on user preferences
  - Live Site: https://crate-digger.onrender.com/demo
  - GitHub: https://github.com/Zanderfeldt/Crate-Digger
  - Tech: Python, Flask, PostgreSQL, SQLAlchemy, Jinja, Bootstrap, HTML, CSS, Render

EXPERIENCE

IDA Technologies, *Software Engineer Intern*   Feb 2024 – Current

- Assisted in the development of a logistics management platform serving both shippers and 3PL providers
- Created a user-friendly table interface to enhance accessibility of shipper account details on the website
- Ensured smooth API communication through debugging tasks for data integrity and system reliability

Hack for LA, *Software Engineer*   Feb 2024 – Current

- Contributed to maintaining the Hack for LA website with content updates, ensuring it remains up-to-date and relevant
- Adhered to quality standards and teamwork by utilizing Kanban methodology and meticulously reviewing pull requests

Springboard, *Software Engineer Fellow*   Oct 2022 – Dec 2023

- Completed an 800-hour course covering key aspects of front-to-back web development
- Developed, designed, and deployed full-stack web applications in both JavaScript and Python, which have been adopted by a growing number of users
- Gained expertise in object-oriented programming, DOM Manipulation, database management, UI design, testing/debugging, and data structures and algorithms

EDUCATION

University of California Santa Barbara, *Santa Barbara, CA*

Bachelor's in Environmental Science