Nikolas Garza | Software Engineer

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Portfolio | Github | LinkedIn

SKILLS

Javascript, Python, React, Redux, Postgresql, Express, Flask, SQL-Alchemy, Sequelize, Node.js, HTML, CSS, Heroku, Docker

PROJECTS

FullyTappd *(Javascript, React, Redux, Python, Flask, Postgresql, HTML5, CSS3)*   **github | live**
- Utilized Flask backend framework to authenticate user age and regulate user authorization to the application.
- User interface empowered with React JS and Redux to demonstrate a single page-like feel across the application and reduce loading times.
- Implemented AWS cloud services for image uploads to allow for scaling of the application.

FindTable *(Javascript, React, Redux, Python, Flask, Postgresql, HTML5, CSS3)*   **github | live**
- Empowered the application with Google Maps API to pinpoint location of available restaurant locations near the user.
- Utilized Flask backend with WTForms to ensure proper form validations across all user forms.
- Collaborated with 3 other team members using proper Git flow to each provide meaningful contributions to the application.

SongSpot *(Javascript, React, Redux, Express, Sequelize, Postgresql, HTML5, CSS3)*   **github | live**
- Incorporated React Audio Player package to facilitate audio playing ability across the app.
- Express and Postgresql backend, enhanced with the Sequelize ORM to facilitate unique database relationships / queries.
- Integrated Redux data store and the persistReducer package in order to streamline data accessibility throughout the application.

WORK EXPERIENCE

EMT, Royal Ambulance Inc and Escalon Community Ambulance., San Francisco CA,   **06/2020 – Current**
- Leveraged comprehensive knowledge of emergency medicine to assess, treat, stabilize and transport seriously ill or injured patients to area hospitals and trauma centers with on scene times less than 15 minutes.
- Calmed and reassured patients and family members, enabling accurate gathering of crucial information (e.g., allergies, medications, pain levels) to aid in care decisions.
- Coached and trained 10 junior EMTs to facilitate continuous improvement and effective communication during interfacility transfers and emergency situations.

Assistant Brewer, Dying Breed Brewing, Oakdale CA   **05/2020 – 12/2020**
- Developed standard operating procedures for everyday brewery operations in order to streamline production efficiency.
- Constructed daily fermentation management schedule to normalize workflow and built a small scale lab to analyze in house samples, effectively eliminating 3rd party fees.

Warehouse Manager, Peachy Canyon Winery, Paso Robles, CA   **04/2019 – 03/2020**
- Single-handedly managed and maintained 35,000+ unit warehouse including inventory management, shipping and receiving, and completion of work orders via vintrace management software.
- Processed 400 tons of biodynamically farmed grapes. Supervised/facilitated the fermentations and packaging into 10 different bottle formats for sale as high-end/luxury wine.
- Supervised 3 interns to ensure all work orders were accurately completed in a timely manner.

Quality and Regulatory Analyst, LALA U.S., Inc., Dallas, TX   **08/2017 – 08/2018**
- Standardized ingredient approval process and food safety certification documentation across 3 manufacturing plants.
- Analyzed Product Quality Failure (PQF) data with Microsoft Excel in order to locate failing areas in manufacturing lines.
- Coordinated with manufacturing plant staff to reduce annual consumer complaints by 5% and extend product shelf life by 4%.

EDUCATION

- **Full Stack Software Development Bootcamp**, App Academy, San Francisco CA, 05/2022
- **B.S. Viticulture and Enology**, University of California Davis, CA, 06/2017
- **EMT-B Certification**, Registration Number: E156987