Jared Kunhart
Software Engineer

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Fullstack Software Engineer with fundamental knowledge of software design, development and testing. Highly motivated, open minded and ready to continue growing as a Software Engineer.

SKILLS
Languages: JavaScript, Python, SQL, C#, HTML5, CSS
Frameworks/ORM: React, Redux, Express, NodeJS, Flask, ASP.NET MVC, Sequelize, SQLAlchemy, Entity
Tools/DBMS: AWS, Docker, Git, Heroku, GCP, Azure DevOps, PostgreSQL, MongoDB, MSSQL

PROJECTS
Animal Rescue Trends | *(Python, Pandas, Streamlit, Heroku, PostgreSQL, Git)*   **live** | **github**
Interactive data dashboard used to analyze dog characteristics and length of stay in shelters.
- Implemented **Python** CLI script for fetching, parsing and storing data from Petfinder's API.
- Reduced load time of **Streamlit** and **Vega-Altair** data visualization charts by 80%.
- Created documentation of software systems (application/system documentation and user documentation).

Ride | *(React, Redux, NodeJS, Python, Flask, Google Maps API, SQLAlchemy, Docker)*   **live** | **github**
Rideshare web-based application that uses Google Maps API to find, calculate and set-up routes.
- Integrated **React** with **Google Maps API** to pinpoint latitude and longitude markers anywhere in the world to store coordinates via **SQLAlchemy** database.

Vapor | *(React, Redux, Python, CSS, AWS, Flask, SQLAlchemy, UI, Git)*   **live** | **github**
Vapor is a game content store that takes creative liberties in listing and selling games as a developer.
- Implemented **AWS S3** bucket to enable user and game image upload interface, reducing server load by 40% and allowing for scalability of image services.
- Collaborated with a team of 4 engineers utilizing **Git** workflow to maintain code and to minimize merge conflicts.

Yelp Me Obi-Wan | *(React JS, HTML, Redux, AWS, Express, PostgreSQL)*   **live** | **github**
A Star Wars themed social media platform where you can list a business and leave reviews on businesses.
- Built a secure user authentication system with **Express**, utilizing Bcrypt to hash and salt passwords, strengthening protection of user data.
- Incorporated React-Redux and **Redux** selector patterns to architect highly scalable front-end state management.

EXPERIENCE
Software Developer | *Viskase* | *(Python, C#, SQL, Azure, ASP.NET MVC)*   Nov 2022 - Current
- Modernized existing legacy desktop applications (C++, VB) to provide web application solutions in **C#, ASP.NET MVC and .NET Core**.
- Established and maintained **CI/CD** methodologies through **Azure Pipelines** to speed the development process through automation.
- Streamlined integration between Druva and Solarwinds Service Desk using **Python** Requests API.
- Technical and Development support on Apriso Flexnet (MES).

Lead Software Developer | *Code for Chicago* | *(Python, Streamlit, PostgreSQL, Heroku, Pandas)*   Aug 2022 - Current
- Led the development of non-profit web application **Animal Rescue Trends** using Streamlit to help analyze a dog's length of stay in shelters for independent charitable organization Rescue Chicago.
- Contributed to the data analysis of the correlation between dog characteristics and length of stay in shelters for shared information to encourage volunteering and adopting.

Web Developer | *(JavaScript, HTML, CSS)*   Jan 2019 - Feb 2020
- Developed platform for a private company seeking an online presence and assisting with online sales and reports.
- Used both **JavaScript** backend and **HTML** frontend design expertise to deliver a fully customized solution.

EDUCATION
App Academy | *Full-Stack Software Development Course*   Aug 2021 - June 2022
Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP)