Jasen Miyamoto

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LinkedIn | Github | Blog | Portfolio

SOFTWARE ENGINEER

Full-stack developer with experience in front-end languages and microframeworks such as JavaScript and React, as well as back-end object-oriented programming with Python and Flask. I bring 7 years of theatrical Project Management with strong communication, an eye for the bigger picture, attention to details, and skills to drive collaborative and problem-solving working environments. Solid team player with a passion for researching and implementing new technologies, and a strong commitment to optimizing application performance and scalability.

TECHNICAL SKILLS

Python, Flask, SQL, SQLite, JavaScript, React, React Router, Vite, HTML, CSS, AutoCAD, Vectorworks, RESTful APIs, Git

TECHNICAL PROJECTS

Read Me - Github | Demo

An interactive platform for learning how to read tarot cards. Users can log in to track progress, take dynamic lessons, view detailed meanings of all tarot cards, and receive AI-synthesized three-card readings saved to their profiles for later reference.
- Engineered interrelated database schema and RESTful API through use of Flask (SQLAlchemy) and developed dynamic React front-end UI
- Authenticated users at login by encrypting identifying account information via Flask-Login and local storage
- Integrated Google Gemini's AI with individual prompting for each reading

Who Wants to be a Millionaire (Command Line Interface | CLI) - Github | Demo

A CLI version of America's favorite game show, Who Wants to be a Millionaire, complete with user-specific sign-in, scores, and submittable questions.
- Modeled custom database schema and RESTful API through use of Flask (SQLAlchemy)
- Completely scripted base game logic, lifeline logic, and scoring using Python
- Stored user data to allow for sign-in, rendering of persistent statistics such as high score and most recent scores, and the ability to add custom questions to the game

Drinks Galore - Github | Demo

A dynamic Single Page Application allowing for user input, sorting methods, and graphical models, all revolving around a myriad of drinks. Also included are a hydration tracker that allows for the setting of user goals and a hidden game.
- Fully developed React front-end in concert with a Python-scripted, web scraping database, run through a json-server back-end
- Utilized dynamic, customizable, persisting charts through Charts.js
- Designed and scripted a memory game, leveraging logic for scoring, randomness in shuffling, and sleek UX design

EXPERIENCE

Associate Production Manager   **New York, NY**
How to Dance in Ohio (Broadway)   August 2023 - January 2024
- Directly collaborated with Production Manager in coordinating communication among diverse stakeholders including designers, vendors, and crew to ensure seamless production
- Managed all outward-facing invoicing and internal expense reports for all departments to guarantee prompt payment of bills

Assistant Production Manager   **New York, NY**
Manhattan Theatre Club   September 2021 - August 2023
- Facilitated communication between production teams, vendors, and management to support successful show execution
- Managed payroll for various union and non-union labor, ensuring timely and accurate payments for multiple productions

EDUCATION

Flatiron School   **New York, NY**
Full Stack Web Development, Python, Flask, JavaScript, and React program   June 2024

Vassar College   **Poughkeepsie, NY**
Bachelor of Arts in Psychology and in Drama   2016