Stephen Tamiesie

Software Developer

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Technical Skills

Languages:
JavaScript
HTML
CSS

Tools:
GitHub
Postman
pgAdmin
Heroku
Netlify
Miro
VSCode

Design:
Photoshop
Lightroom

Frameworks/Libraries:
React
Node.js
Express
Discord.js
Superagent

Database:
PostgreSQL

Testing Suites:
Q-Unit
Jest

Dev Practices:
TDD
Pair-Programming

AWS Certified Developer - Associate
Issued Oct 2021 • Expires Oct 2024

Education

Alchemy Code Lab
Full-Stack Software Development • Jan - June 2021

800+ hours of remote-based development in full-stack JavaScript.

Brooks Institute of Photography
BA Photography • 2005

Major: Advertising photography

Profile

Front end leaning software developer dedicated to finding meaningful solutions to complex problems. I am excited to leverage my creative problem solving experience from 15 years as a self-employed small business owner to strengthen my software development career. I value collaboration, curiosity and thrive in an environment of continuous learning.

Projects

Greeting Art   Site :: GitHub

REACT • P5.JS • AWS S3 • SEND GRID • MATERIAL UI
Full stack project, 4 member remote team, 5 day sprint.
Algorithmic art e-greeting card service. Using the p5.js library, I helped implement the creation of generative artwork by building randomized functions that alter shapes and colors on the canvas. To display art in the app's gallery feature, I pair-programmed the connection of an AWS S3 bucket with our front end using POST and GET routes. In order for a user to save and download locally and for the most recently created pieces of art to appear at the top of the gallery, I built the sorting logic and functionality.

What'll Ya Have   Site :: GitHub

REACT • NODE.JS • EXPRESS • POSTGRESQL
Full stack project, 4 member remote team, 5 day sprint.
Cocktail recipe app featuring name and ingredient searches, saved recipes and random cocktail function. Utilizing CRUD routes, the app fetches cocktail data from a third-party API to store in a postgres database. I wrote the code to fetch the data from the API for the back end routes and pair-programmed the detail page on the front end where the drink recipe's are munged and rendered. I also created a React header component that renders dynamically based on the authorization state of the user.

Ambience Bot   Site :: GitHub

NODE.JS • DISCORD.JS • REACT
Back end project, 4 member remote team, 5 day sprint.
A Discord bot that streams ambient audio. Created with the Discord.js library, the bot is controlled with command functions that fetch audio from the YouTube API and stream to Discord using the YTDL module. I coded the React front end to authenticate the bot's use on Discord and also helped implement the YouTube API call with the user's search query, creating the Discord audio stream. Additionally, I built a stop function command allowing the bot to cease playing audio.

Professional Experience

Stephen Tamiesie Photography
Photographer, Self-Employed • 2005 - 2020

Through focus, determination and constantly learning new ways to expand my services, I grew a small business from the ground up. I leveraged my technical knowledge to produce photography for advertising and marketing photo shoots. As my business grew, I scaled my services to better serve the needs of stakeholders, which led to continued growth. To navigate logistical and technical obstacles, I regularly conducted extensive research into the scope of each project.