

# Stephen Tamiesie

## Software Engineer

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## Technical Skills

### Languages:

JavaScript  
HTML  
CSS

### Tools:

GitHub  
AWS  
Postman  
pgAdmin  
Heroku  
Netlify  
Miro  
VSCode

### Design:

Photoshop  
Lightroom

### Frameworks/Libraries:

React  
Node.js  
Express  
Gatsby  
Superagent

### Database:

PostgreSQL

### Testing Suites:

Q-Unit  
Jest  
React Testing Library

### 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

## Profile

Front end software engineer dedicated to building 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 into 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 canvas elements. To display art in the app's gallery, I pair-programmed the connection of an AWS S3 bucket using POST and GET routes. 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 and pair-programmed the detail page on the front end where the drink recipes are rendered. Using the authorization state of the user, I created a dynamic header component.

### 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 YouTube. I coded the static React front end and also helped implement the YouTube API call with the user's search query, creating the audio stream. Additionally, I built a stop audio command.

## 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. I scaled my services to better serve the needs of stakeholders, producing consistent revenue and growth.