





# Stephen Tamiesie

Software Engineer  
Portland, OR

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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  
REST API

### 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

#### Software Development • 2021

800+ hours of remote-based full-stack development in JavaScript, React, & Node.js.

### Brooks Institute of Photography

#### Bachelor of Arts • Photography • 2005

## Profile

Full stack software engineer dedicated to building meaningful solutions to complex challenges. I am eager to use my creative problem-solving experience from 15 years as a small business owner to create dynamic, user-friendly experiences with code. 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.*

Generative art e-greeting card service. Using React and the p5.js library. I helped build an algorithmic art generator by writing randomization functions to re-render canvas elements on button click. To display art in the app's gallery, I pair-programmed the connection of an AWS S3 bucket using POST and GET routes. Using JavaScript logic in the gallery component, I sorted the contents of the S3 bucket to be displayed chronologically as each new piece of art is created.

### What'll Ya Have

[Site :: GitHub](#)

**REACT • NODE.JS • EXPRESS • POSTGRES SQL**

*Full stack project, 4 member remote team, 5-day sprint.*

Cocktail recipe app that fetches and stores user search results from REST API with CRUD routes in Postgres database. Utilizing the fetch method, I wrote functions to retrieve and filter the JSON data from a third-party API to display in a React list component. Pair programming with a teammate, I created a detail component where each drink recipe data is rendered. Using the authorization state of the user, I also built a dynamic React 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 in a voice channel. The bot is controlled with several command functions that fetch and alter 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 using the Discord.js library.

## Professional Experience

### Stephen Tamiesie Photography

**Photographer, Owner • 2005 - 2020**

Through focus, determination and constantly learning new ways to expand my services, I developed a creative service business from the ground up. I leveraged my technical knowledge to produce photography for advertising and marketing campaigns. As the business grew, I scaled services to better serve the needs of stakeholders, producing continued year-over-year growth.