

## Aaron Tulloch

Full-Stack Developer

<https://www.tullochsportfolio.com>

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## Summary

I am a Full-stack Developer with expertise in website, iOS, and Android development, alongside a strong background in UI/UX Design. I thrive on learning and implementing new technologies while adhering to best practices. My dedication to programming and teamwork fuels my passion for problem-solving. I am excited to contribute to an environment that fosters continuous growth and learning.

## Education

### Bachelor of Science in information Technology

- Software Development

Georgia Gwinnett College

December, 2023

## Certifications

### Amazon Web Services – Certified Cloud Practitioner (CCP)

July, 2023

### Certified PHP Developer

July, 2022

## Experience & Projects

### Preference Wear IOS App

#### Swift - SwiftUI, SPM, Firebase - Auth, Firestore, Figma, GitHub

- Made it easier for people with skin conditions such as eczema to find compatible clothing from their favorite brands all in one place.
- Allow clothing brands & vendors to add their eczema friendly clothing products to my app via **website** created using **React**.
- Secured the approval for my app on the **App Store**, enabling the initiation of **beta testing** with prospective users, thereby gathering valuable feedback and insights for further enhancement.
- Utilize **recommendation algorithm** to recommend clothing based on their skin conditions, seasonal style preference, and preferred fabrics.

### WoodNote-Finery

#### Reactjs, Nodejs, AWS - Lambda, API Gateway, Amplify, Firebase - Firestore, Auth, Printful API's, PayPal SDK, GitHub

- Acquired knowledge and skills in managing CORS (Cross-Origin Resource Sharing) and handling CORS-related errors using AWS Lambda and API Gateway. Additionally, I have gained expertise in securing sensitive information, including API tokens.
- Monitored project progress by using Gantt chart and documented progress, effectively learning, and retaining new skills, which ultimately led to the successful completion of the project.
- Deployed website successfully using version control(GitHub) and AWS Amplify, enabling automatic deployment of my website upon pushing the repository to GitHub. Moreover, I gained the knowledge to customize frontend and backend build settings to host the React frontend on the server.
- Leveraged Printful API's to automate products information and manage customer orders. with this integration, I can create products on Printful website and automatically reflect the changes on my own website. As a result, the need for extensive database and product storage was minimized.

### Retro Gaming Store

#### PHP, HTML, CSS, , AWS - Lightsail Hosting & Database, Figma, PayPal SDK, GitHub

- Streamlined the planning process and enhanced user collaboration by leveraging **Figma** to design a visually appealing user interface.
- Increased website usability by consistently applying **design principles**, resulting in an optimized user experience.
- Drove iterative design improvements and functionality optimization by collecting user feedback through surveys.
- Achieved a refined and enhanced project by actively incorporating user feedback, aligning it with the needs and preferences of the target audience.

## Relevant Coursework

- AWS Cloud Academy • Web Development • Intermediate Programming • Networking • Systems Design and Analysis • Database
- Project Management • Computer Graphics and Multimedia • Mobile Development • Human Computer Interaction

## Skills

- AWS – EC2, S3, VPC, RDS, IAM, Lambda, EBS, Lightsail, Amplify, DynamoDB, Aurora
- NoSQL & SQL – Firebase, AWS, MySQL, PostgreSQL, GraphQL
- Full-stack Development - Swift, Java, Kotlin, PHP, Node.js, HTML, CSS, React, JavaScript, Figma, SwiftUI
- Research – design, continuous application improvement, user experience
- Version control - Git, GitHub
- Agile project management

