

Aaron Tulloch

Full-Stack Developer

<https://www.tullochsportfolio.com>

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Summary

Full-stack Website, iOS, and Android Developer, and UI/UX Designer. Passionate about learning new technologies while using best practices. Experienced with technologies such as JS, React, HTML, CSS, PHP, Firebase, MySQL, RestAPI, Android, Studio, Swift, XCode, Figma, AWS, Java, GitHub, Microsoft Office, and Adobe Creative Cloud. Hardworking developer that's passionate about problem-solving with programming and teamwork. Excited to work for a company that encourages continuous growth and learning.

Education

Bachelor of Science in information Technology

- Software Development concentration

Georgia Gwinnett College

August, 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)

- 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 (React, Node.js, AWS, Firebase, RestAPI, Figma)

- Designed an **e-commerce website** with a **responsive interface**.
- **Eliminate** the need for clothing inventory by creating and fetching real products information from **Printful API** to my website.
- Report weekly progress to my professor. Weekly report included, what changes I made to the project, problems I encountered and what I plan to do for the upcoming weeks.
- **Deployed** the **server-side website** using **AWS Lightsail and MySQL** for the database.

Retro Gaming Store (PHP, HTML, CSS, , AWS – Database & Hosting, Figma, RestAPI)

- 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, Lightsail, Amplify, DynamoDB, Aurora
- NoSQL & SQL – Firebase, AWS, MySQL, PostgreSQL, GraphQL
- Full-stack Development - Swift, Java, Kotlin PHP, Node.js
- Frontend Development – HTML, CSS, React, JavaScript, Figma, SwiftUI
- RestAPI - Android, IOS, Web
- Research – design, continuous application improvement, user experience
- Version control - Git, GitHub
- Agile project management