

D'Angelo A. Watson

[Digital Portfolio](#) | [Github](#) | dangelo.watson1212@gmail.com | (252)725-1835

TECHNICAL SKILLS

Languages: TypeScript, Python, C++, C#, Java, SQL, JavaScript, HTML, & CSS

Frameworks & Tools: React, React Native, Expo, Flask, Django, Git, Claude, Copilot, ChatGPT, GitHub

Databases & Cloud: Supabase PostgreSQL, MySQL, OpenAI API, Vercel

Mobile Development: iOS App Development, In-App Purchases, Authentication Systems

PROJECTS

AI Thumbnail Maker: YouTube (iOS App)

React Native, Expo, SQL

- Built and launched a mobile app designed to streamline content creation and make designs more effective and affordable.
- Integrated Google **Gemini 2.5** for text-to-image thumbnail generation with **real-time prompt handling**
- Built secure Supabase backend for user **authentication, image storage**, and per-user quota tracking.

Slumber: Sleeping Sounds (iOS App)

React Native, TypeScript, SQL

- Launched a production-ready sleep app reaching **1.23K** impressions, **206** page views, and **90** downloads on the App Store.
- Implemented in-app purchases with trial periods and subscription management for monetization.
- Supporting **36+ active users** with secure sessions and protected data with SQL storage.

StudyPal: AI Helper

React Native, Supabase, Vercel

- Developed an AI chatbot website using React Native, OpenAI, Supabase, and Vercel, enabling students to ask homework questions by text or image upload.
- Integrated **OpenAI API** to generate real-time, subject-specific tutoring responses across several subjects
- Implemented tiered subscription and real-time user tracking using **Supabase Auth and Storage**.

Crypto Currency Tracker

React, JSX

- Built a real-time cryptocurrency dashboard using React and the **Coin Gecko API**
- Utilized **axios** for API integration, managing asynchronous data fetching
- Handled API errors with `.catch()` blocks preventing crashes on failed data fetches

EDUCATION

Carteret Community College

Expected Graduation, May 2026

IT: Software & Web Development

Morehead, NC

- Courses: Python, Java, C#, & Database Concepts

Craven Community College

Cyber Security & Network Foundations

New Bern, NC

- Courses: Web & Programming Logic, C++, MySQL, & OS Concepts

CERTIFICATIONS

Fundamental Front-End Development

Meta

- Several Certificates: React Basics, Version Control, Programming with JavaScript, Into to Front-End, & HTML & CSS in depth