

# MATTHEW A TJOA

## IOS AND FULL STACK DEVELOPER

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### SUMMARY

Recent Computer Programming graduate with hands-on experience in iOS development (SwiftUI, UIKit) and web technologies (HTML, CSS, JavaScript). Passionate about creating intuitive, user-focused applications with clean, efficient code. Bilingual in English and Indonesian with strong problem-solving abilities and adaptability to new technologies. Seeking an entry-level developer position to apply academic knowledge and contribute to innovative software solutions.

### TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Swift, C++ =  
Frontend: React, Next.js, SwiftUI, UIKit , HTML , CSS  
Backend: Firebase Firestore, AWS Lambda, DynamoDB , PostgreSQL  
Tools & Platforms: Docker, Caddy, Git, Redis

### PROJECTS

*For more , check [matthewautjoa.tech](http://matthewautjoa.tech)\**

#### Drip Check - iOS App

- Developed a full-stack AI-powered fashion analysis app for outfit evaluation and style insights
- Integrated OpenAI for image-based fashion critique and personalized suggestions
- Implemented SwiftData for persistent local data storage and history tracking
- Developed a secure backend to handle requests from the SwiftUI app, ensuring safe communication

#### Invoicely

- Built using Next.js, Firebase Firestore, and React-PDF
- Allows users to create and download professional PDF invoices
- Built using Next.js with TypeScript and TailwindCSS for responsive design across devices

#### Matt's Box

- Developed a secure, anonymous file uploader with drag-and-drop functionality using Next.js as the frontend framework and AWS for backend
- Implemented a serverless backend with AWS Lambda, handling file processing and storage
- Stored uploaded files in Amazon S3 and metadata in DynamoDB
- Configured a custom domain and SSL via Caddy reverse proxy to support clean URLs and HTTPS.

### EDUCATION

**Methodist 2 High School**

**June 2019 - May 2023**

**Seneca College**

**September 2023 - April 2025**

Computer Programming Diploma

- Object-Oriented Programming in C++
- Data Structures and Algorithms
- Operating Systems & Networking Fundamentals
- Database Management Systems
- Cloud Computing & Serverless Architecture

## PROFESSIONAL EXPERIENCE

### Intern Front End Developer - Vosyn AI

June 2025 - present

- Developed and maintained scalable front-end components using React.js, TypeScript, and Tailwind CSS to support a modern B2B dashboard platform
- Collaborated with design and backend teams to implement a responsive and accurate UI aligned with Figma mockups
- Built dynamic, reusable components using React Hooks and optimized rendering performance

## ADDITIONAL INFORMATION

- **Languages:** English, Indonesian.
- **Hobbies / Interests:** Aviation , Computer building , volunteering
- **Open to relocation across Canada**