

# Hojin You

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[www.Offline.tech](http://www.Offline.tech)

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## **TECHNICAL SKILLS**

**Languages:** Swift, Kotlin, Flutter, C/C++, C#, Python, JavaScript, TypeScript

**Tools:** Linux, Git, Docker, Nginx, Supabase, AWS (EC2, S3, IoT Core, Amplify, Lex)

## **EDUCATION**

### **Bachelor of Computer Science (Hons.)**

Sheridan College, Oakville, ON.

- Selected Coursework: Virtualization and Software Defined Networking, Wireless Security
- Anticipated graduation December 2025

## **WORK EXPERIENCE**

### **Client-Server Software Developer**

January 2025 – Present

Center for Applied AI, Sheridan College

- Develop application for an embedded controller (in C++) for a wearable sensor for vitals monitoring, using MQTT protocol to communicate with the broker
- Deploy and manage web and API servers on AWS EC2

### **Research Student**

October – December 2024

Skinopathy Inc., Sheridan College

- Designed and improved scanning user experience (based on market research) in Figma for AI dermatology Scanner App
- Developed the prototype mobile app using Flutter for UI testing

### **App Developer**

March – September 2024

Artfull Enrichment, Hamilton ON

- Developed a mobile app for seniors (in Flutter) for a membership-based art therapy program
- Implemented paginated data fetching function for programs and events, and custom Vimeo player to play private videos for authorized users
- Designed and implemented adaptive layout (based on real user feedback) for different screen sizes (phone, tablet) for main dashboard and event views
- Collaborated with 2 other developers to ensure that user data and progress is synchronized cross-platform

### **Signal Operator**

November 2018 – June 2021

Republic of Korea Army, South Korea

- Automated server status reporting with shell scripts for daily reports
- Wrote various scripts (in python and shell) which saved time setting up field training exercise (~10 mins), and monthly security check up (~2 hours)
- Provided IT support and troubleshooting at regiment headquarters (~300 Employees)
- Lead a group of 4 technicians in a mission critical environment, assigned work effectively amongst members demonstrating small team management and leadership

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## **PROJECTS**

### **BusBuddy – School Bus Tracker (Hackathon Project)**

Winter 2025

- Awarded best use of Auth0 platform at Hackville 2025
- Developed a school bus tracker app (in Swift) for K-12 students waiting in the cold
- Collaborated with 3 other members, demonstrating project leadership and management by identifying required features and assigning them to corresponding members

### **Praiser – Smart Chronic Pain Journal (Academic Project)**

Fall 2024

- Developed a pain journaling app (in Swift) for native iOS look and feel
- Implemented main logging (using SwiftData and Supabase), and HealthKit data retrieval function for later analysis and prediction
- Designed main UI and view components (in Figma) as product owner and user
- Collaborated with 2 other students to work on different functional areas, while practicing scrum methodology with weekly standups, and Jira for sprint goals

### **Next.js Personal Website (Personal Project)**

Summer 2024

- Developed blog and portfolio website (using Next.js)
- Automated deployment and build testing through GitHub Actions
- Deployed and hosted on Vercel at no cost (available at [www.Offline.tech](http://www.Offline.tech))

### **Hauler – Logistics Job Board & Dispatch Platform (Academic Project)**

Winter 2024

- Deployed Azure services (Virtual machine, SQL Database) to host web, API, and DB
- Developed RESTful API (using .NET 7) with authentication and main operations for job bidding and assigning
- Designed UI (in Figma) for iOS App
- Collaborated with 2 other students to work on respective services (API Server, iOS App, Web App) and documented available end points allowing asynchronous development,
- Practiced scrum methodology with weekly standups, and Jira for sprint goals

### **Peruser – Digital Market Platform (Academic Project)**

Fall 2023

- Developed a web app and API server (using .NET) for posting and purchasing items
- Created adaptive web UI with grid and list toggle feature for listings
- Implemented local relational database (using SQLite and Entity Framework)
- Collaborated with 2 other students to establish data types and divide functionality

### **Router – Group Location Coordination App (Academic Project)**

Fall 2023

- Designed and developed iOS app (using SwiftUI and MapKit) allowing users to share geo-location and indicate their availability to attend
- Implemented MapKit functions for location preview on custom card component
- Collaborated with another student to design data model and user flow for onboarding
- Implemented authentication and NoSQL database using Firebase