



# Magdalena Samuel

## iOS Engineer Portfolio

Creativity has always been at the core of everything I do.

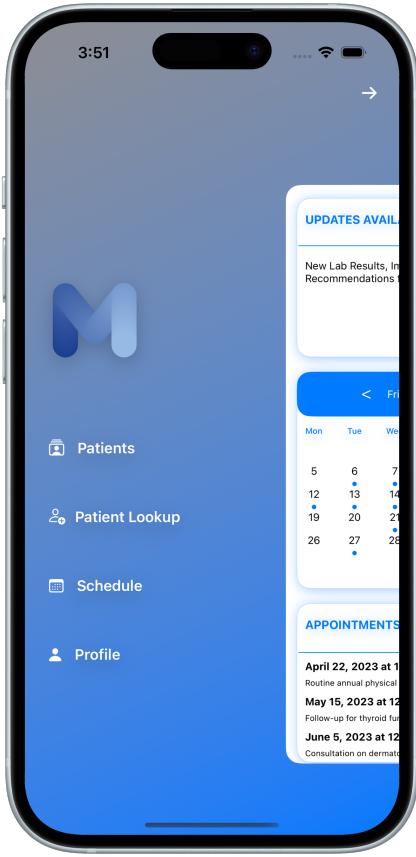
With a degree in Art, I developed a deep appreciation for design, problem-solving, and innovation. Over time, my curiosity led me to explore technology and coding, where I found a new creative outlet in building software.

After moving to the U.S., I immersed myself in Full Stack Development. However, it was iOS development, particularly with SwiftUI, that truly excited me.

I love bringing ideas to life, and I want to help people through technology, using my skills to create better user experiences that look, feel, and function beautifully.

# Provider

Smart assistant for cancer treatment planning.



# About

Provider App is an AI-powered medical assistant designed to help doctors streamline **cancer treatment planning** while ensuring compliance with **hospital security protocols** and industry standards.

The app integrates with Redox API to securely retrieve patient data using name, last name, and birthdate, ensuring full compliance with HIPAA (Health Insurance Portability and Accountability Act) and FHIR (Fast Healthcare Interoperability Resources) standards. It automatically verifies patient records against hospital certification guidelines before adding them to the doctor's patient list.

## Few Features

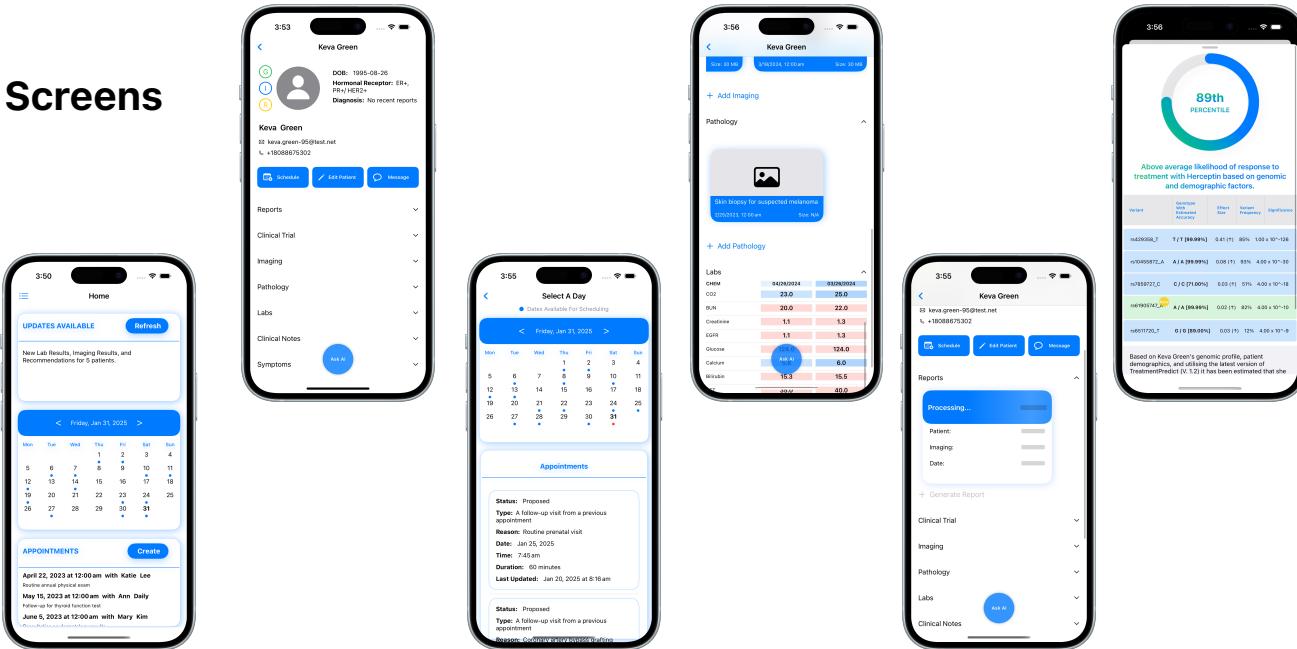
Use AI to analyze recent imaging scans & lab results in one unified dashboard.

Find patient appointments

Directly generate imaging reports.

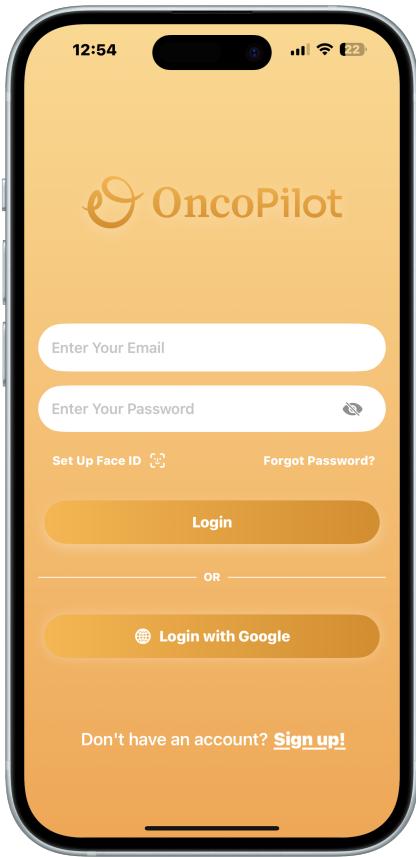
Explore AI-powered treatment recommendations with future pathway outcome predictions.

# Screens



# OncoPilot

Enhances medical learning and decision making.



## About

OncoLioyt is an AI-driven app designed to assist medical students in understanding cancer treatment recommendations. It enables users to perform treatment calculations, discuss patient cases through an AI chat, and generate accurate treatment plans, all while ensuring patient data privacy.

## Few Features

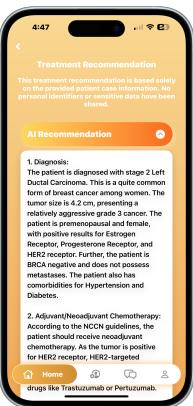
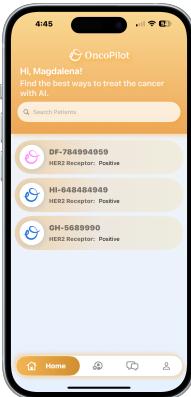
**Accurate Medical Calculations – Supports precise oncology treatment planning.**

**Supports precise oncology treatment planning.**

**Discuss patient cases without exposing personal information.**

**AI-powered platform for the next generation of healthcare professionals.**

## Screens



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