



# PORTFOLIO

Eko Rahayu Widodo



# Hello,

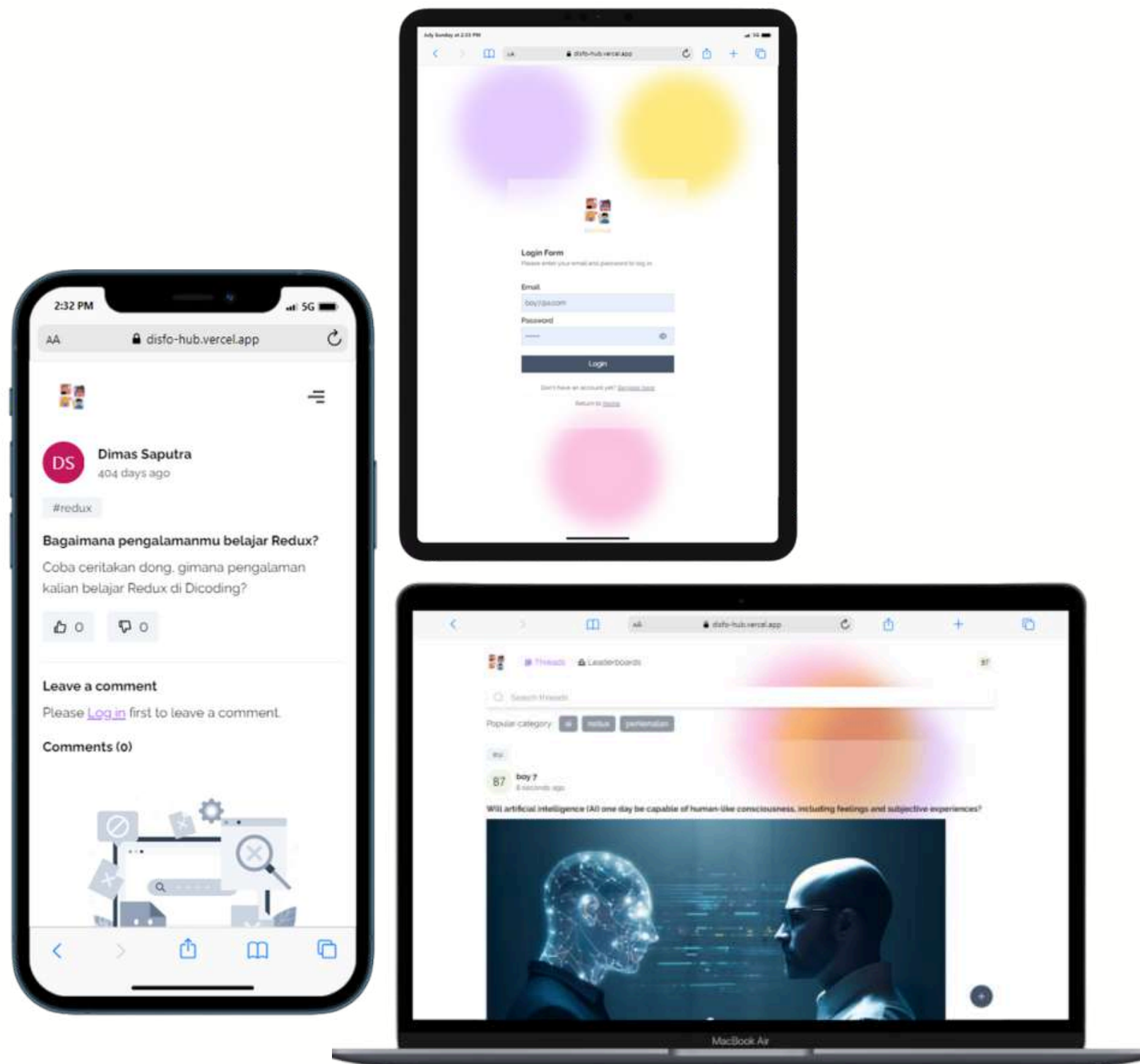
**I'm Eko Rahayu Widodo**

• *Front-end Engineer / Tech Enthusiast / Lifelong Learner*

Working within the React ecosystem for front-end web development and using Kotlin for mobile app development (Android Native).

*"Manifesting ideas into digital realities that are easily accessible and inclusive for users"*





# DisfoHub

## Web App

### Description

A discussion forum application that allows users to share ideas, discuss, and find solutions to various topics. Users can create new topics, reply to posts, and give upvotes or downvotes.

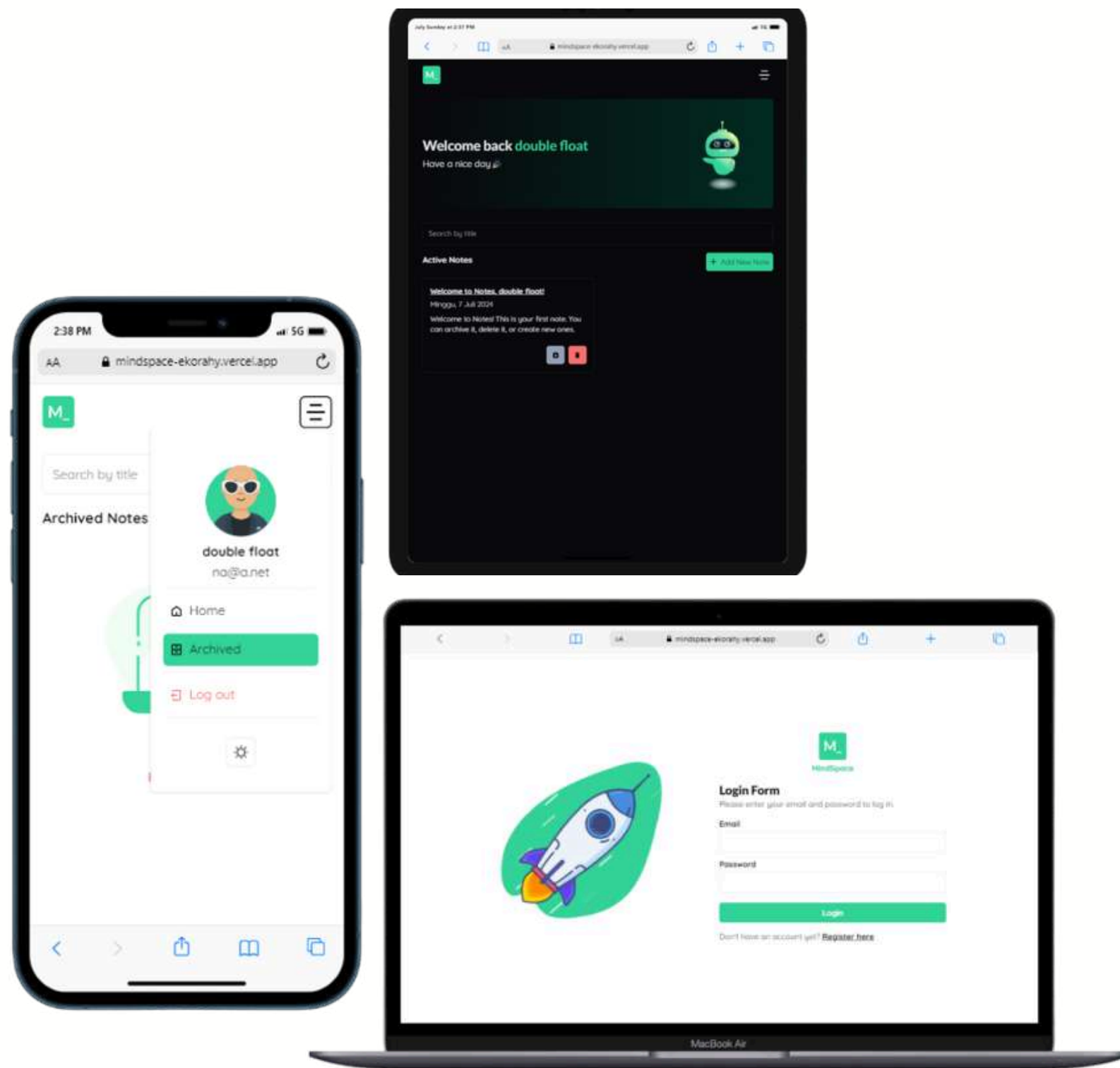
### Tech Stack

- JavaScript
- React.js
- Redux (State Management)
- Tailwind CSS
- Eslint (Linter)
- Vite
- Vitest (Unit Testing)
- React Router
- etc.

### Features

- Register User
- Authentication and Authorization User
- View Threads
- View Leaderboards
- Search Threads and Filter by Category
- Create Thread
- UpVote or DownVote Thread
- View Thread Detail
- Upvote or Downvote Thread Details
- Create Comment in Thread
- Upvote or Downvote Comment in Thread

Demo : <https://disfo-hub.vercel.app/>



# MindSpace

## Web App

### Description

A personal note application that makes it easy for users to record, store, and manage their notes efficiently, equipped with an archived feature that allows users to save old notes without deleting them, so that notes remain organized and easily accessible at any time.

### Tech Stack

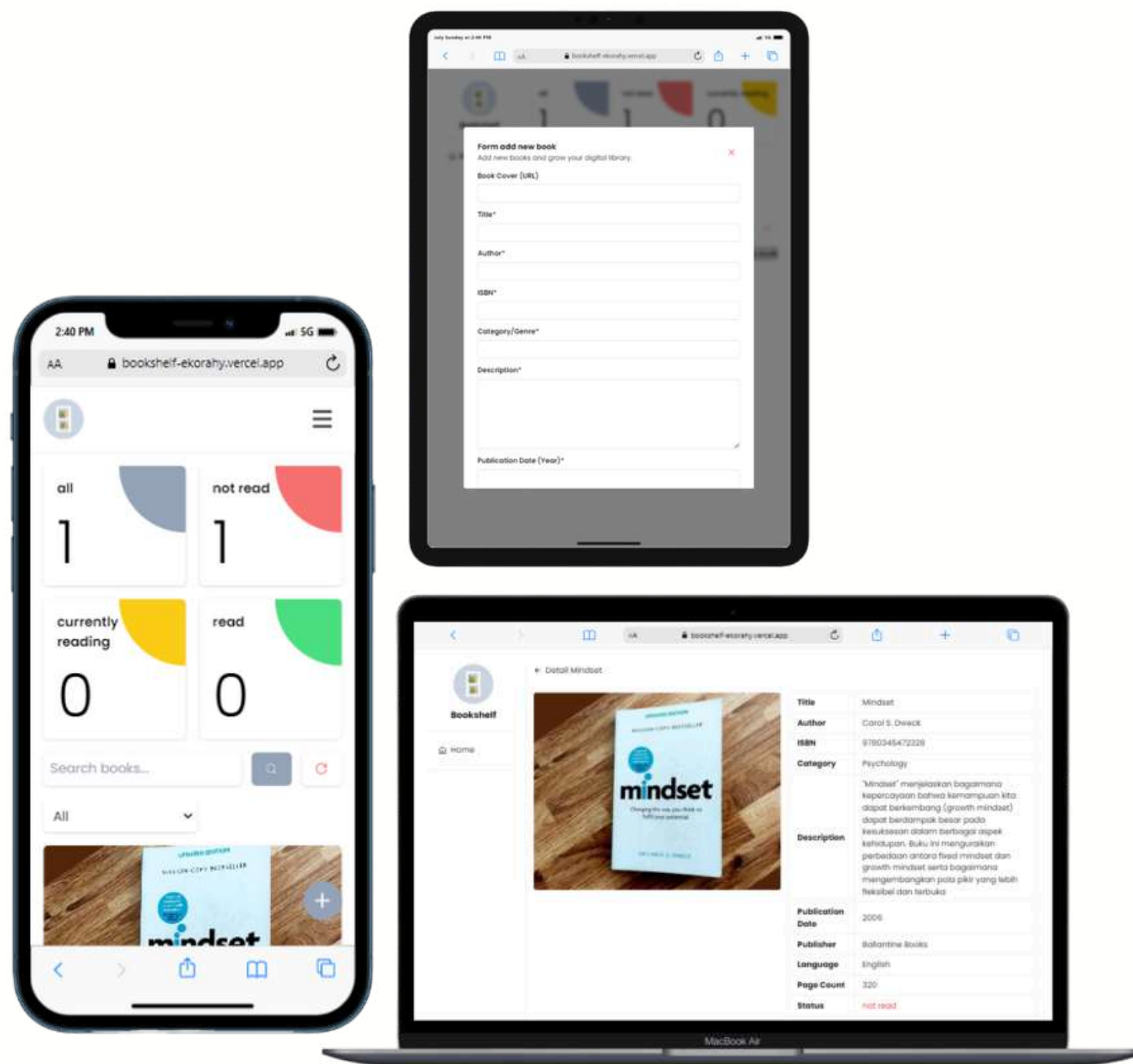
- JavaScript
- React.js
- Redux (State Management)
- Tailwind CSS
- Eslint (Linter)
- Vite
- React Router
- etc.

### Features

- Register User
- Authentication and Authorization User
- View Notes
- View Archived Notes
- Search Note
- View Note Details
- Create Note
- Archive Note
- Unarchive Note
- Delete Note
- Dark Mode

Demo : <https://mindspace-ekorahy.vercel.app/>





# Bookshelf

## Web App

### Description

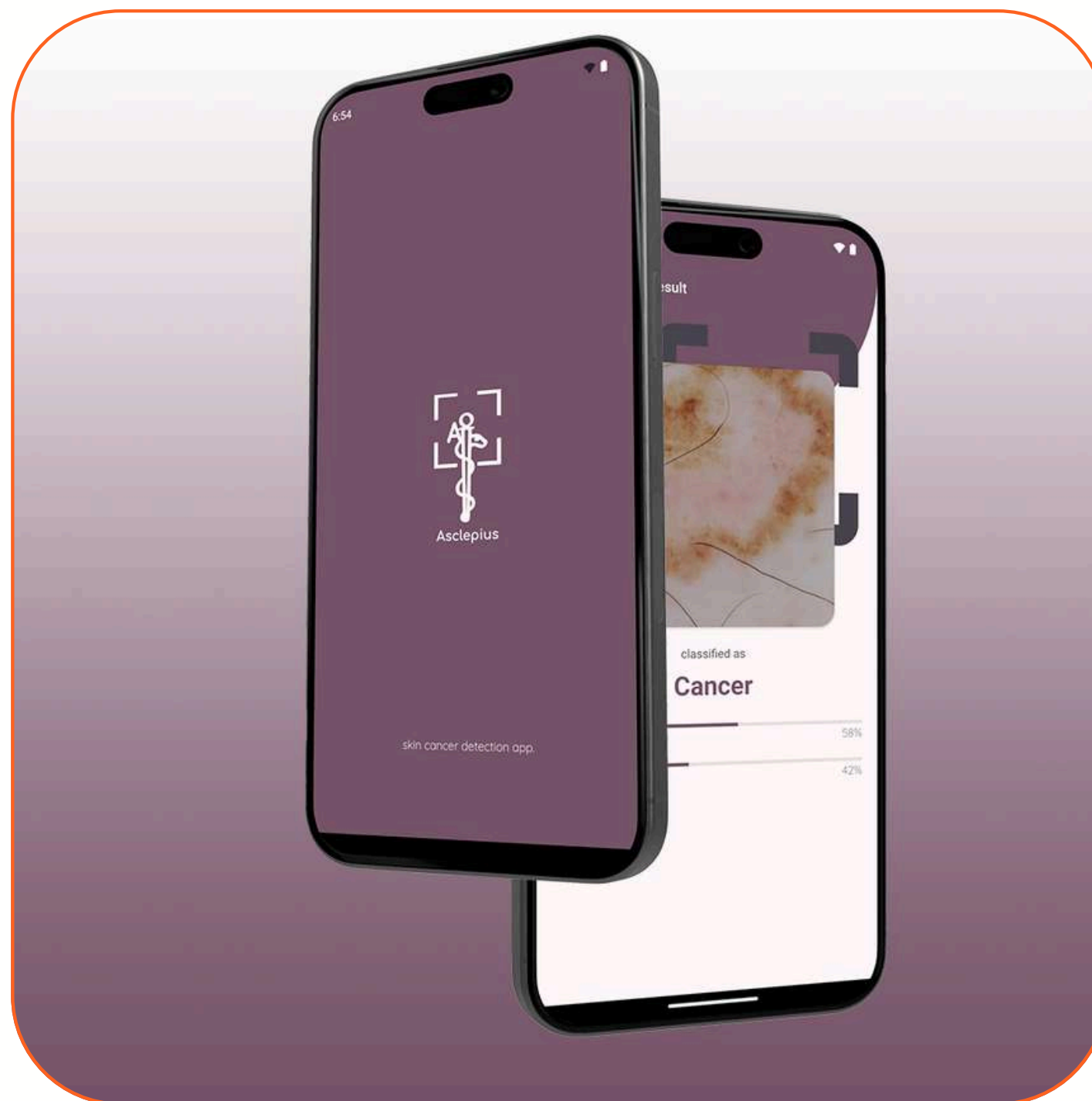
Bookshelf is a web application designed to help users manage their book collection digitally. With a clean interface and functional features, Bookshelf allows users to add, search, and manage their books with ease.

### Tech Stack

- TypeScript
- React.js
- Tailwind CSS
- ESLint (Linter)
- Vite
- React Router
- Local Storage to store data
- etc.

### Features

- View Books based on Status (All, Not Read, Currently Read, and Read)
- Search Books
- Create Book
- View Book Details
- Change Status Book
- Delete Book



# Asclepius

## Android App

### Description

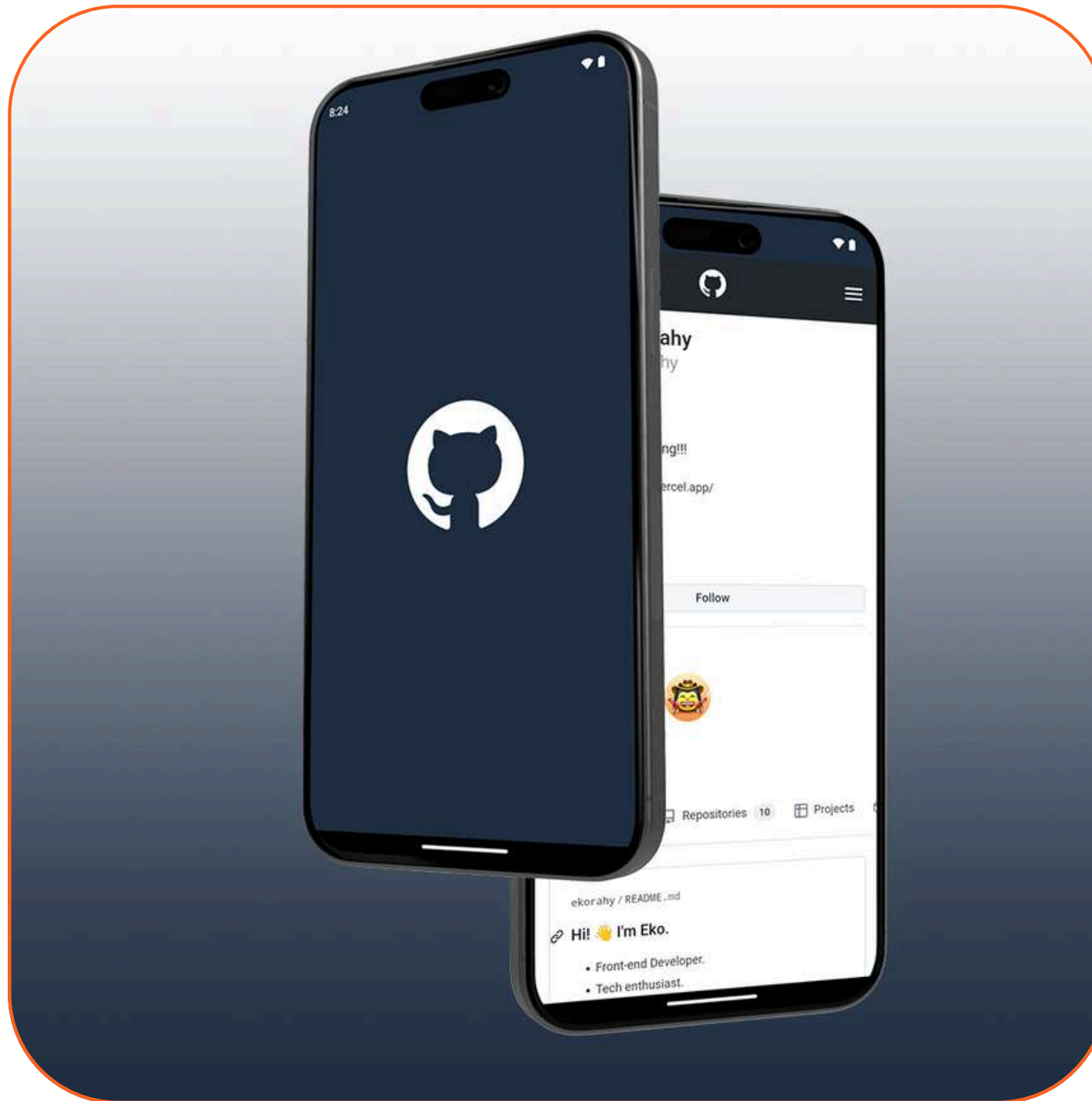
A skin cancer detection app makes it easy for users to do an initial check of their skin condition. The app analyzes skin images and provides classification results on whether it is skin cancer or not. In addition, the app also provides up-to-date information on cancer news.

### Tech Stack

- Kotlin
- XML (View System)
- MVVM Architecture
- Tensorflow Lite
- Skin Cancer Classification Models
- UCrop from Yalantis
- News API
- Retrofit
- Room
- etc.

### Features

- Splash Screen
- Upload Image using Camera or Gallery
- View Classification Results
- Save Classification Results to History (automatically)
- View History
- View News About Cancer
- View News Details



# GitUS

## Android App

### Description

A GitHub user search application, the result of an exercise on fetching the GitHub API. This application allows users to search for information about GitHub users based on the username entered.

### Tech Stack

- Kotlin
- XML (View System)
- MVVM Architecture
- Github API
- Retrofit
- Room
- etc.

### Features

- Splash Screen
- View Users
- Search User by Username
- View User Details
- Add User to Favorite
- View Favorite Users
- Share User
- Dark Mode



# StoryApp

## Android App

### Description

A story app that allows users to share their experiences in an interactive and personalized way. The app comes with a location share feature, allowing users to point out interesting places they visit and give more context to their stories.

### Tech Stack

- Kotlin
- XML (Vlew System)
- MVVM Architecture
- Google Map API
- Retrofit
- Room
- etc.

### Features

- Splash Screen
- Register User
- Authentication and Authorization User
- View Stories
- View Story Details
- Create Story + Location
- View Stories with Map Location





# Thank You

**Reach out to me.**

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