

Prawin Raja SR

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EDUCATION

MADURAI KAMARAJ UNIVERSITY

MA IN COMPUTER APPLICATION
Expected June 2025 | Percentage 67

THE AMERICAN COLLEGE

BA IN COMPUTER APPLICATION
Grad. May 2023 | CGPA 7.2/10

ST JOSEPH MATRICULATION HIGHER SECONDARY SCHOOL

Pcm with Computer Science

LINKS

Github:// [srprawinraja](#)
LinkedIn:// [srprawinraja](#)
LeetCode:// [Prawin](#)
Medium:// [Prawin](#)

COURSEWORK

UNDERGRADUATE

Fundamentals of Mobile Computing
Object Oriented Programming
Data Structure

SKILLS

PROGRAMMING

Advance: Java
Novice: Kotlin

TECHNOLOGIES

XML • Jetpack Compose

IDE

Android Studio

OTHERS

- Version Control
- Problem Solving
- Logical thinking

AREA OF INTEREST

- Software development
- Data Structure and Algorithm
- Content Writing

PROJECT

TALKING CALCULATOR APP

[[GitHub Link](#)]

- Created an Android calculator with integrated Google Text-to-Speech.
- Designed the UI in XML, developed the backend in Java, integrated Google Text-to-Speech, and used the MXParser library to evaluate mathematical expressions.
- Enhanced user interaction by making mathematical calculations more engaging and accessible through interactive features.

WEATHER APP

[[GitHub Link](#)]

- Developed a real-time weather app.
- Built the UI using Jetpack Compose, implemented the backend with Kotlin, and followed the MVVM design pattern. Integrated Retrofit to fetch live data from a weather API.
- Delivered accurate, real-time weather updates, providing users with current conditions, 3-day forecasts, and hourly updates for a seamless and informed experience.

BLUETOOTH CHAT APP

[[GitHub Link](#)] [[Amazon App Store Link](#)]

- Engineered a dynamic messaging app with offline Bluetooth capability, akin to WhatsApp.
- Utilized Android storage for chat history, implemented manual connection management, and enriched user experience with notifications for incoming messages.
- Optimized user experience with streamlined data management. Empowered control with customizable connection management. Boosted engagement through real-time message notifications

ACHIEVEMENTS

TECHNICAL ACHIEVEMENTS

- Solved over 250 problems on LeetCode.
- Cleared round 1A codechef competition: [[Link](#)]

OTHERS

- District level volley ball player: [[Link](#)]

CERTIFICATION

- Android App Development: [[Link](#)]
- Meta Version Control: [[Link](#)]