

# Prawin Raja SR

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## EDUCATION

### MADURAI KAMARAJ UNIVERSITY

MA IN COMPUTER APPLICATION  
Expected June 2025

### 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  
Software Engineering

## SKILLS

### PROGRAMMING

Advance: Java  
Novice: Kotlin

### TECHNOLOGIES

XML • Jetpack Compose

### IDE

Android Studio

### OTHERS

- Version Control
- Problem Solving
- Logical thinking

## AREA OF INTEREST

- Mobile App Development
- Data Structure and Algorithm
- Content Creation on Mobile Development

## PROJECT

### TALKING CALCULATOR APP

[ [GitHub Link](#) ]

- Created a Android calculator with integrated Google Text-to-Speech
- Developed in Android Studio to provide audible feedback for button clicks and result announcements.
- Enhanced mathematical engagement through interactive functionalities.

### ONLINE OFFLINE CHAT APP

[ [GitHub Link](#) ]

- Conceptualized and developed an online/offline chat application with a voice-controlled bot.
- Enhance online communication with Firebase's authentication, real-time database, and storage, seamlessly integrating Bluetooth classic for offline chat. Elevate accessibility through advanced text-to-speech and speech recognition for effortless contact retrieval.
- Integrated Firebase and Bluetooth technologies to create a platform enabling fluid online and offline interactions. Incorporated cutting-edge accessibility tools such as Speech Assist for enhanced user 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](#) ]