

# Prawin Raja SR

srprawinraja@gmail.com | +91 9600757387 | portfolio - srprawinraja.netlify.app

## EXPERIENCE

### PLATTR TECH STUDIO | BACKEND DEVELOPMENT INTERN

Jan 2025 – April 2025 | Madurai, Tamil Nadu

- Built a Chrome extension to record and transcribe meeting audio using Deepgram, and summarized the content with Llama AI, enabling faster meeting reviews and improving productivity.
- Developed a bulk email sending API using NestJS, fetching templates and data from S3, automating large-scale emails, and significantly improving email marketing efficiency.
- Designed and integrated RESTful and GraphQL APIs for an e-commerce website and mobile app backend, ensuring seamless interaction with relational databases and improving data flow efficiency.

## PROJECTS

### BLUECHITCHAT | SOURCE CODE

Apr 2024 – May 2024 | Java, XML

- It is a peer-to-peer offline chatting application that enables **real-time messaging** without requiring an **internet connection**.
- Built using **Bluetooth Classic** for device pairing and communication via **BluetoothSocket**, with **SharedPreferences** for storing user settings and **SQLite** for managing local message history.
- Enables users to chat with nearby friends and family (within **Bluetooth range**) who have the app installed. Pairing two Android devices via **Bluetooth** allows free, **internet-independent communication**.
- Link: [Amazon Appstore Link](#)

### WEATHER FORECAST INTEGRATED WITH MACHINE LEARNING | FRONTEND CODE | BACKEND CODE

Jan 2025 – Feb 2025 | Kotlin, JetPack Compose, Python

- Developed a weather forecasting Android app using Kotlin and Jetpack Compose, integrating machine learning for accurate, location-specific forecasts.
- Built a FastAPI backend to process historical data, train models, and serve weather predictions via APIs, improving forecast accuracy.
- Optimized performance by implementing local caching and city-based CSV storage, reducing API calls and enhancing app speed and offline reliability.

## ACHIEVEMENTS

### TECHNICAL ACHIEVEMENTS

- Solved over 300 problems on LeetCode.
- Cleared round 1A codechef competition: [\[Link\]](#)

## LINKS

- **LinkedIn:** [srprawinraja](#)
- **GitHub:** [srprawinraja](#)
- **Medium:** [srprawinraja](#)
- **LeetCode:** [srprawinraja](#)

## EDUCATION

### MADURAI KAMARAJ

### UNIVERSITY - PALKALAI NAGAR

MA IN COMPUTER APPLICATION

Apr 2025 | CGPA 7/10

### THE AMERICAN COLLEGE

BA IN COMPUTER APPLICATION

May 2023 | CGPA 7.2/10

### ST JOSEPH MATRICULATION HIGHER SECONDARY SCHOOL

Pcm with Computer Science

## SKILLS

### PROGRAMMING LANGUAGES

**Advance:** Java

**Intermediate:** Kotlin | JavaScript | TypeScript | Python

### TOOLS TECHNOLOGY

Git/Github • XML • JetPack  
Compose • Android • Windows  
• Android Studio • SQL • Room  
DataBase • Retrofit • Android  
SDK • NestJS

### OTHERS

- Problem Solving
- Logical thinking

## COURSEWORK

### UNDERGRADUATE

Mobile Computing

Object Oriented Programming

Data Structure Algorithm

## AREA OF INTEREST

Software Development

Data Structure and Algorithm

Technical Writing

App Development