Prawin Raja SR

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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   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