THARUN P

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Professional Summary

Motivated Computer Science and Business Systems (CS&BS) student with a strong foundation in programming and software development. Currently strengthening skills in Data Structures and Algorithms in C++ while actively developing real-world applications with Flutter and Firebase. Passionate about problem-solving on competitive programming platforms like LeetCode and staying updated with emerging technologies.

OBJECTIVE

Seeking an internship to apply and enhance my programming and app development skills, while gaining hands-on experience in real-world projects.

Technical Skills

Programming Languages: C++, Python, Dart, C, HTML, Express js,Nest js
Frameworks & Tools: Flutter, Firebase, Git
Database & APIs: Firestore, REST APIs
Development Platforms: GitHub, Visual Studio Code, Android Studio

Projects

Club Management App | *Technologies: Flutter, Firebase*

Developed a comprehensive club management application for college operations involving 16 clubs with advanced attendance tracking and On-Duty (OD) logic implementation.

- Student functionality to follow clubs and join events
- Club head dashboard for publishing and managing events
- Automated restriction system (3-month suspension after accumulating 3 ODs)
- Real-time attendance tracking and management

Peer-to-Peer Matching App (Mache) / *Technologies:* Flutter, Firebase

• Built a peer-to-peer matching application that helps students form the right teams based on availability, skills, and interests.

• Integrated real-time collaboration features for effective communication among teammates.
• Designed a smart matching algorithm to connect people with complementary skills.

Experience

Flutter Developer Intern – Data Science Center, RIT

• Contributed to the development of Flutter-based applications supporting research and data-driven solutions.
• Collaborated with faculty and peers to integrate Firebase backend and APIs into apps.
• Improved app performance and implemented UI/UX enhancements for smoother user interaction.

Education

Bachelor of Technology - Computer Science and Business Systems
Rajalakshmi Institute of Technology, Chennai | September 2024 – Present
CGPA: 8.44/10
Relevant Coursework: Programming in C, Python for Data Science

Certifications

- 160 Days of Problem Solving - GeeksforGeeks
- Python (Basic) Certificate – HackerRank
- Rest Api creation(Backend development) – Let' upgrade

Extracurricular Activities

• **Project-Based Learning: Developing applications by leveraging YouTube tutorials and official documentation for hands-on implementation.**

Languages

- English: Full Professional Proficiency
- Tamil: Native Proficiency