Sanjai Prabhakaran

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EDUCATION

SRI RAMAKRISHNA SARADHA
HIGHER SECONDARY SCHOOL
May 2021 | Salem, India
10th grade: 92 percentage
12th grade: 89 percentage

PSNACET DINDIGUL
B.ENG IN ECE
Expected June 2025 | Dindigul, India

PUBLIC PROFILES

Github:// sanjaioffi
LinkedIn:// Sanjai Prabhakaran

COURSEWORK

AI/ML Fundamentals
UI/UX Design Principles
Data Structures & Algorithms

SKILLS

PROGRAMMING LANGUAGES
Proficient:
Python • Dart • Flutter Framework
C • C++
• HTML • CSS • Javascript
Familiar:
Git • GitHub •Linux• Firebase • SQL

AI/ML
Machine Learning • Big Data
•TensorFlow • Scikit-Learn • Jupyter
Notebooks

HONORS

START-UP
• Presented our start-up idea to
NativeLead
• Awarded Best Idea of the Institution
PSNACET

GROUPS

CLUBS AND LEADERSHIP
Google Developer Student Club
•Technical Member GDSC PSNACET May
2022 - Present
• Mentoring more than 200+ students in
Flutter framework and programming

EXPERIENCE

MINISTRY OF AYUSH | FLUTTER DEVELOPER
Mar 2023 – Oct 2023
- Developing an application that communicates with a customized smartwatch to recommend Ayurveda-related suggestions using Machine Learning from large health dataset.
- Led the software engineering team in converting a prototype into a marketable product, securing a grant of 300,000 rupees.

COSYUGMA INFO | SOFTWARE ENGINEERING INTERN
Mar 2023 – Jul 2023
- Integrated AWS APIs using Postman with Flutter applications, leveraging data insights for enhanced functionality.
- Transformed Figma designs into functional Flutter apps, emphasizing a data-driven approach to design implementation.

ACHIEVEMENTS - PROJECTS

MADURAI TECH COMMUNITY HACKATHON 2023 (RUNNER)
AMONG TOP 50 TEAMS
Aug 2023 | Thiagarajar College, Madurai
- Developed an Android application using Flutter to visualize and analyze ward boundaries in Madurai city,
- Implemented a user-friendly feature for residents to report civic issues and feedback within the app, enhancing community engagement.
- Integrated the Google Maps API and Firebase backend to enable dynamic mapping and real-time data synchronization.

UNESCO INDIA AFRICA HACKATHON 2022 (WINNER)
1ST PLACE AMONG 6 TEAMS
Nov 2022 | Gautam Buddha University, Noida
- Developed a comprehensive full stack flutter application with advanced machine learning models, enriching the app with intelligent insights for optimal agricultural management.
- Implemented a user-friendly camera feature that uses computer vision to identify plant diseases.
- The system then suggests relevant medicines for effective plant care, simplifying the process for users and promoting healthier plant growth.
- Crafted a responsive user interface (UI) and established seamless connections with Firebase and Hive.

SMART INDIA HACKATHON 2022 (WINNER)
1ST PLACE AMONG 6 TEAMS
Aug 2022 | Amal Jyothi College of Engineering , Kanchirappali
- Developed a mobile application using the BLOC pattern to enable Bluetooth Low Energy communication with ESP32, extracting, gathering, and analyzing health data from our smartwatch.
- Provided personalized Ayurvedic insights on mobile devices, seamlessly blending traditional wisdom with modern health monitoring for a holistic wellness approach.