

# Sanjai Prabhakaran

sanjaiprabhakaran.official@gmail.com | 9025168074 | Dindigul, Tamil Nadu

## 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:// sanjaioff

LinkedIn:// Sanjai Prabhakaran

## COURSEWORK

AI/ML Fundamentals

UI/UX Design Principles

Data Structures & Algorithms

Database Management

## SKILLS

### PROGRAMMING LANGUAGES

Proficient:

Python • C • C++ • Dart • Flutter

Framework

• HTML & CSS

Familiar:

Git • GitHub • Linux • Firebase • SQL

• PHP • Tableau • Javascript

### 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, showcasing proficiency in mobile app development.
- Integrated the Google Maps API and Firebase backend to enable dynamic mapping and real-time data synchronization.
- Applied Machine Learning algorithms from large datasets within the app.

### UNESCO INDIA AFRICA HACKATHON 2022 (WINNER)

#### 1ST PLACE AMONG 6 TEAMS

Nov 2022 | Gautam Buddha University, Noida

- Engineered a comprehensive Full Stack Flutter application, proficient in calculating crop nutrient amounts.
- Integrated advanced Machine Learning models through a Heroku server, enriching the app's capabilities with intelligent insights.
- 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 BLOC pattern to enable Bluetooth Low Energy communication with ESP32, extracting to gather and analyse health data from Smartwatches.
- Integrated Firebase for efficient seamless real-time data management through Cloud Firestore.

### IDEATHON NEXT BIG INNOVATION

#### 3RD PLACE ALL OVER INDIA

Feb 2022 | Chandigarh Group of Colleges (CGC) - Landran

- Developed an AI-powered mobile application to guide users in adopting healthier lifestyles.