

SANJAI RAMANATHAN

AI & DATA SCIENCE · FULL-STACK DEVELOPER

CONTACT

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SKILLS

Languages

Java
Python

ML & NLP

Regression
Classification
Sentiment Analysis
Deep Learning

Frameworks

Scikit-learn
TensorFlow
NLTK

Visualization

Tableau
Power BI
Web Scraping

Tools

GitHub

Learning

LeetCode
HackerRank

CERTIFICATIONS

Tableau – Data Visualisation
Python Workshop – IIT Madras
Tech Fest – Runner-up
PSG Tech & CIT

STRENGTHS

- ◆Communication & Presentation
- ◆Leadership & Team Management
- ◆Creative & Logical Thinking
- ◆Problem-Solving

INTERESTS

Cricket & Chess
Storytelling

EDUCATION

Nandha Engineering College, Erode 2023 – 2027
B.Tech – Artificial Intelligence & Data Science
CGPA: 8.5 / 10

Appu Arivaalayem CBSE Secondary School XII Std
Konganapuram, Tamil Nadu – 637102
Percentage: 75%

EXPERIENCE

Training Trains, Perundurai — Data Science Intern Jun – Jul 2025

- ▶ Gained hands-on experience in data analysis and end-to-end visualization pipelines.
- ▶ Performed web scraping and preprocessing on real-world datasets for model readiness.
- ▶ Collaborated with cross-functional teams to architect scalable analytical solutions.

PROJECTS

PlanOra – Automated Campus Event Ecosystem

- ▶ Digitized event workflows to automate approvals and resource scheduling, eliminating manual paperwork.
- ▶ Integrated QR-based tracking for real-time attendance capture and instant event analytics.

Plant Disease Detection (AI / Deep Learning)

- ▶ Built a CNN-based classification model to detect plant leaf diseases from images.
- ▶ Applied computer vision and deep learning using Python and TensorFlow.

EV Data Analysis Dashboard

- ▶ Designed an interactive Tableau dashboard analyzing EV adoption trends across the USA.

Attendance Snapshot Dashboard

- ▶ Built a Power BI dashboard to visualize and analyze IT company attendance patterns.

LEADERSHIP & ACTIVITIES

Secretary – Department of AI & DS 2025 – Present
Joint Treasurer – Department of AI & DS 2025 – 26
Active in Sports: Cricket & Chess