

Sujit S

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EXECUTIVE SUMMARY

Tech-driven enthusiast with hands-on experience. Proven ability to build and deploy solutions across domains like medical data analysis, IoT systems, and AI applications. Skilled in end-to-end project development, from research to implementation and user interaction. Eager to contribute in impact-driven tech environments

EDUCATION

B.Tech in Artificial Intelligence and Data Science

Coimbatore Institute Of Technology

2022 – 2026

Coimbatore, India

- Currently pursuing 3rd year
- Keeping a CGPA of 9.13

Higher Secondary Certificate

SAV Balakrishna Matric Hr Sec School

2021 – 2022

Tirunelveli, India

- Scored 97.6% from Biology group

EXPERTISE

- Data Structures and Algorithms
- Python Programming
- Data Visualization
- Data Science
- Web Development (HTML, CSS, JavaScript)
- Machine/ Deep Learning
- C Programminng
- Database Management Systems

PROFESSIONAL EXPERIENCE

Student Developer

Icliniq - The Virtual Hospital

08/2024 – present

Coimbatore, India

- Medical data analysis
- EHR file storage and manipulation
- Chatbot for user interaction

Student Researcher

Telkom University

01/2025

Bandung, Indonesia

- Implementation of IoT in smart hydroponics for data streaming
- Building a python-based web scraper for data collection

Machine Learning Intern

Nunnari Labs Pvt. Ltd.

07/2024 – 10/2024

Coimbatore, India

- Implementation of ML algorithms
- Neural Networks (Deep Learning)
- Drive-thru the concepts of Generative AI (Transformers, LLMs)

PUBLICATIONS

Integrating Internet of Things for Smart Hydroponics to Increase Productivity

IIETA

04/2025

PROJECTS

Digitizing Medical Reports for Enhanced User Interaction

LLM based CLI python project

08/2024 – present

- Convert medical reports to machine readable format
- Integrated modules like OCR, Chatbot, EHR file storage and manipulation.
- Interactive Command Line Interface for Users

IoT in Smart Hydroponics

IoT prototype

01/2025

- Reads water level and light intensity values using sensors
- Sends data to Firebase real-time database, displays data using Flask-based Web UI

Brain Tumor Detection

09/2024 – 10/2024

Deep Learning project

- Developed a CNN-based tumor detection model
- Integrated Streamlit interface for image upload and real-time result visualization

Apartment Sales Prediction - EDA and Feature Engineering

08/2024 – 09/2024

Data Science approach

- Handling missing values and filling null values with respect to their mean/median
- Normalized the features displayed the profile in browser using streamlit

Smart Lab Copilot

04/2023 – 06/2023

IoT prototype

- Reducing the utilization of computers where user is not present
- Turning off the lab when no one is present (o count)
- Reducing the ambient temperature(-25%) when the room heats up

CERTIFICATES

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|---|---|---|
| • AWS Flash - Generative AI with Diffusion Models ↗ | • Introduction to Machine Learning Operations ↗ | • Foundations of Prompt Engineering ↗ |
| • SQL & Relational Database ↗ | • Generative AI for All ↗ | • Python for Data Science ↗ |
| • Data Science ↗ | | |

INTERESTS

Tech Enthusiast | Problem-solving | Quick-learner | Singing