

SAI SUGUN

MSc. Information Systems (2025), University College Dublin

BE. Computer Science and Engineering(2023), VTU, India

 sai.dolavaykotapalliramu@ucdconnect.ie  linkedin.com  My Portfolio

Summary

Aspiring Tech Professional with a background in Computer Science and a master's in Information Systems from UCD. Skilled in Python, JavaScript, SQL, and data tools with hands-on experience in full-stack development, data analysis, and blockchain applications. Demonstrated ability to lead technical projects, deliver tech talks, and collaborate across teams. Strong communication, storytelling, and organizational skills with a passion for learning, exploring emerging technologies, and building meaningful tech solutions.

Tech Skills

Languages: Python, Java, JavaScript, SQL, Bash, C++

Frameworks/Tools: Django, ReactJS, RStudio, Android Studio, Power BI, VSCode

Concepts: Data Analysis, Web Development, Blockchain, Machine Learning, UI/UX

Soft Skills: Leadership, Public Speaking, Collaboration, Event Planning, Storytelling

Education

MSc Information Systems

University College Dublin, Ireland | Expected 2025 | GPA: 3.51/4.0

Modules: Informatics, UI/UX, Data & Society, Machine Learning, Quantitative Data Analysis

Bachelor of Engineering – Computer Science and Engineering

Visvesvaraya Technological University, India | 2023 | CGPA: 7.7/10

Modules: Data Structures, OOPS, Operating Systems, DBMS, Networks

Pre-University, 12th Class (PCMCS) – Sri Sathya Sai Loka Seva PU College | 2019 | 78%

SSLC (10th Class) – Sri Sathya Sai Loka Seva High School | 2017 | 81%

Projects

Confidential Health Records Using Blockchain

Sponsored by KSCST, India

- Led the backend design of a blockchain system to store encrypted patient health data
- Developed Python-based scripts for data hashing using SHA-2
- Published research in IJAR SCT (DOI: 10.48175/IJAR SCT-10600)

Voice Interface Usability Study with Amazon Alexa

- Conducted usability analysis using SUS and NASA-TLX on 100 participants
- Derived insights into user experience and cognitive load in voice tech

Virtual Internship & Simulations

Data Science Intern– British Airways (Forage Simulation) | Feb 2025

- Analyzed customer review data and built a predictive model on buying behavior
- Delivered actionable insights using data exploration and modeling

Power BI Intern– PwC Switzerland (Forage Simulation) | Mar 2025

- Built client-facing dashboards to visualize KPIs and business metrics
- Demonstrated strong data storytelling and email communication skills

Data Science Internship – Oasis Infobyte | 2024

- Participated in exploratory data analysis and basic machine learning tasks
- Delivered insights from datasets using Python and visualization tools

Certification

Atomic, Nuclear & Particle Physics

Udemy (Instructor: Dr. Borge Göbel)

Python for Data Science and ML Bootcamp

Udemy (Jose Portilla)

Publication

Health Records of Stigma Diseased Patients

Published in IJAR SCT, Vol. 3, Issue 11, May 2023

DOI: 10.48175/IJAR SCT-10600

Achievements & Extracurricular

- Delivered tech talks and seminars during undergrad
- Active event organizer at UCD Club (event planning & collaboration)
- Marathon runner, team sports player (basketball, football)
- Strong interest in astronomy, astrophysics, and science fiction

Hobbies

Wild life photography, Astrophile, Reading Books, Sports, Fitness, Finance and Investment, Cooking, Volunteering, Films and Documentaries