

Sanidhya Kumar Singh

IT Intern | Technology Enthusiast | Problem Solver

Contact: +91-9157332926 • Email: ssanidhya0407@gmail.com • [GitHub](#) • [LinkedIn](#)

Aspiring data enthusiast with a solid foundation in UI/UX, app development and statistical analysis. Proficient in app development, Python, Data Analysis, Open-Source contributions. Seeking opportunities to apply analytical and machine learning skills to real-world problems. Eager to leverage technical skills and innovative mindset to drive data-driven decision-making in a dynamic organization.

EDUCATION

- | | |
|---|----------|
| • Bachelors in Technology CSE (Big Data Analytics) CGPA 8.9 SRM Institute of Science & Technology | May 2026 |
| • Class 12 90.5% DPS Bangalore South | May 2022 |
| • Class 10 96.5% DPS Harni Vadodara | May 2020 |

CERTIFICATION'S & TECHNICAL PROFICIENCIES

- **Programming & Tools:** Python, SQL, Swift, Java, HTML/CSS, JavaScript, DSA, Figma, UI/UX, Oracle
- **Database Skills:** AWS, DataBricks, Snowflake, Pandas, PyTorch, TensorFlow, Excel, Tableau
- **Data Analysis & Visualization:** EDA, Data Cleaning, Regression, Classification, Visualization and reporting.
- **Machine Learning:** Supervised & Unsupervised Learning, Model Evaluation, Feature Engineering
- **Certifications & Courses:** UI/UX(Udemy), SQL(Coursera), Python (Coursera), ML(NPTEL), AI(NPTEL), Cybersecurity Associate(Fortinet), Oracle AI Certifications(Oracle)

WORK & RELEVANT EXPERIENCES

Computer Vision Intern – NIT Tiruchirappalli (continuing)	May'25 - Present
• Developing image processing algorithms (edge detection, segmentation, feature extraction)	
• Perform data augmentation and normalization to improve model robustness	
Project Intern – IIT Jodhpur	May'25 – Jul'25
• Applied ML to detect defects in 3D printed materials	
• Analyzed data and improved prediction models	
iOS App Development Trainee, iOS Developer Program (Powered by Apple and Infosys, SRM Institute of Science and Tech.)	Aug'24 - Mar'25
• Developed ThriveUp, a college engagement app, using SwiftUI, Firebase, and Core ML.	
• Collaborated with Apple and Infosys mentors, gaining hands-on experience in UI/UX design and Xcode development	
Data Science Intern – Celonis	Apr'24 - Jun'25
• Contributed to a project enhancing the company's recommendation algorithm, leading to growth in user engagement.	
AI/ML Intern – Amazon Web Services	Jan'24 – Mar'24
• Facilitated compilation and data accuracy by improving data collection processes.	
• Reduced data retrieval time by optimizing SQL queries.	

TECHNICAL PROJECTS

ThriveUp Swift, Xcode, Figma App Store Link	Mentor: Dr. A Murugan
• Developed ThriveUp , a college engagement app enabling users to discover events and organizers to promote them effectively	
Farm Intrusion Detection System IoT, ML	Mentor: Dr. Archana K S
• Designed & implemented “ Regression Based Model ” to detect animals and birds damaging crops in agricultural fields.	
News RAG Detection System ML, RAG, LLM GitHub	
• Developed an LLM-powered News RAG Detection system to classify and filter unreliable content, ensuring credibility in digital media.	
HabitCrew Swift, Xcode, Figma GitHub	Mentor: Dr. Paul T Sheeba
• Developed HabitCrew, a community-based habit tracking platform designed to promote consistent personal growth.	

OTHER ACHIEVEMENTS

- Won Overall Best App for **ThriveUp**—now live on the **Apple App Store**—among 30 participating teams judged by professionals from **Swiggy, Myntra, and Zoho**.
- Received Honorary Mention (6th place) at **SRM Hack 8.0** among numerous teams across multiple tracks qualified for potential funding from the **Entrepreneurship Cell**.
- Presented farm intrusion detection system at IRIS, an **academia-industry collider** showcasing innovative projects to **industry professionals**.