

Sanidhya Kumar Singh

IT Intern | Technology Enthusiast | Problem Solver

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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 Tiruchirapalli** (*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** **Aug'24 - Mar'25**
(Powered by Apple and Infosys, SRM Institute of Science and Tech.)
- 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**.