

SANKAR S

Tirunelveli; Tamilnadu • sankarsivaperumal.s@gmail.com • 9789581291 • [LinkedIn](#)

A highly motivated and positive-thinking individual with strong leadership qualities and a keen ability to listen and understand. A quick learner with a proactive approach to problem-solving and decision-making. Dedicated to continuous improvement and delivering results in dynamic environments

INTERNSHIP EXPERIENCE

❖ Inspire Tech Solutions (August 2024)

- Acquired practical experience in data analysis, SQL query writing, and Python programming.
- Explored the integration of ChatGPT for AI-driven data insights and automation tasks.
- Worked on real-world data processing scenarios, enhancing analytical and problem-solving skills.

❖ Beywise Networks (February 2024)

- Hands-on experience in data migration tools and methodologies.
 - Assisted in data transfer and organization, ensuring accuracy and integrity within deadlines.
 - Learned data validation techniques critical for maintaining data quality during migrations.
-

PROJECTS

IoT-Based Real-Time Water Level Monitoring System (November 2024 – April 2025)

- Designed and developed a real-time water level monitoring system using Raspberry Pi 4 and ultrasonic water sensors.
- Implemented an automated alert system to notify users of high-water levels and shut off water flow to prevent overflow.
- Developed a secure login system with admin control, user registration, password recovery, and role-based access.
- Built a responsive web interface using Flask, HTML, and CSS for monitoring and controlling the system remotely.
- Integrated data storage and visualization features for historical water level tracking.

EDUCATION

SADAKATHULLAH APPA COLLEGE

Bachelor of Computer Applications (BCA);

TIRUNELVELI, TAMIL NADU

2022-2025

ADDITIONAL INFORMATION

❖ **SKILLS:** Java, Python, MongoDB, PHP, C, C++, SQL

❖ **LANGUAGES:** Tamil (Native); English; Hindi

❖ **CERTIFICATIONS:**

➤ **NPTEL Certification** in Big Data, Python for Data Science

➤ **Participant – Online Workshop on Emerging Technologies**

Conducted by Novitech; covered topics including Blockchain, Full-Stack Development, Artificial Intelligence (AI), Internet of Things (IoT), and Cybersecurity.