

# Isai Abinaya S

## ( BE Student )

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## Objective

Aspiring Data Analyst with strong foundations in data analysis, statistical techniques, and SQL/Python. Skilled in transforming raw data into actionable insights through visualization and reporting. Seeking an entry-level Data Analyst role to apply analytical skills, contribute to data-driven decision-making, and grow expertise in business intelligence and data science tools.

## Personal information

- Date of birth: 23-03-2006

## Education

### SCAD college of engineering and technology

BE. CSE

2023-2027

8.07/10

### Government higher secondary school , Nadukallur

Maths biology

2023

83%

## Skills

Python C programming Web designing MS office Object oriented programming in Java

## Project

### Online voting system.

Developed a secure and user-friendly online voting platform to digitize the election process.

Implemented features such as user authentication, vote casting, and real-time result display.

Utilized [mention the tech you used – e.g., HTML, CSS, JavaScript, PHP, MySQL] for front-end and back-end development.

Focused on ensuring data integrity, transparency, and accessibility for users.

### Powerline proximity alert system

Designed and developed a safety system to detect proximity to high-voltage power lines and alert users.

Implemented sensors and microcontroller-based circuits to monitor distance and generate warning signals.

Aimed at enhancing electrical safety and accident prevention in industrial and public environments.

Gained hands-on experience with embedded systems, circuit design, and hardware integration.

### **Revolutionizing in agriculture with iot**

Developed a smart farming system leveraging Internet of Things (IoT) to monitor soil moisture, temperature, and environmental conditions in real time.

Implemented automated irrigation control to optimize water usage and improve crop yield.

Aimed at enhancing precision agriculture and reducing manual dependency for sustainable farming practices.

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### **Language**

- English - Fluent
  - Tamil - Native
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### **Certification**

**Generative AI - Guvi**

**Introduction to python - Solo learn**

**Object oriented programming in Java - Coursera**

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### **Interests**

- Listening music
  - Gathering knowledge from youtube
  - Dancing
  - Cooking
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### **Achievements**

#### **Paper presentation - Nellai college of engineering**

Secured 2nd Prize in a technical competition at Nellai College of Engineering for presenting the project "Powerline Proximity Alert System", which focused on enhancing safety by detecting dangerous proximity to high-voltage power lines.