

# Sahaya Gladwin JS

## Data Scientist | AI Engineer

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### SUMMARY

Passionate about turning data into meaningful insights and solving challenges with advanced analytics, machine learning, and artificial intelligence. Skilled in statistical modeling, data visualization, and modern technologies, I thrive in collaborative environments and aim to contribute to impactful projects in data science, analytics, and AI-driven solutions.

### EXPERIENCE

#### Data Science Intern

[Oasis Infobyte](#) | Jul 2024 – Aug 2024

- Enhanced model accuracy by 22% by applying advanced data preprocessing techniques such as cleaning, normalization, and feature engineering on real-world datasets.
- Conducted in-depth data analysis to identify trends and correlations in datasets, improving decision-making efficiency by 20%.

#### Machine Learning Intern

[Code Alpha](#) | Jul 2024 – Aug 2024

- Applied advanced machine learning techniques and optimized datasets through feature engineering, boosting model accuracy up to 93%.
- Increased model efficiency by 30% through rigorous data wrangling and transformation, reducing training time and improving input quality across 3+ datasets.

#### Artificial Intelligence Intern

[Hunar Intern](#) | Oct 2024 – Nov 2024

- Developed 3 AI-powered solutions (chatbot, image recognition, weather predictor) that achieved an average 85%+ accuracy and improved task automation speed.
- Built basic **neural network architectures** using TensorFlow and Keras to implement AI-driven tasks and enhance predictive capabilities.

### PROJECTS

#### Netflix Analysis Dashboard | Dec 2024 – Jan 2025

[Netflix-Dashboard](#)

Developed an interactive dashboard to analyze Netflix content performance with Plotly visualizations.

Tools and Technologies: Python, Streamlit, Plotly

#### Instagram Web Scrapping | Feb 2024 – Mar 2024

Python tool for scraping Instagram profile metrics with 2FA login support.

Tools and Technologies: Python, Instaloader

#### Portfolio | Oct 2024 – Nov 2024

[Glad-Portfolio](#)

A visually appealing and interactive portfolio website using React.js.

Tools and Technologies: HTML, CSS, React.js

### TECHNICAL SKILLS

Data Science	Machine Learning
Generative AI	SQL
Programming: Python, C	Business and Text Analytics
Web Technologies: HTML, CSS and React JS	Operating System: Windows, Ubuntu

### KEY ACHIEVEMENTS

#### From Brainwaves to Bytes: The Science Behind Brain-Computer Interface

*At Kalingar Institute of Technology | Mar 2025*

Explored the underlying principles and real-world applications of Brain-Computer Interface (BCI) systems. The study focused on the translation of neural activity into actionable digital outputs, emphasizing its transformative potential in assistive technologies and human-computer interaction.

#### Legal Assistance: An AI Empowered Legal System

*At Coimbatore Institute of Engineering and Technology | Aug 2023*

Authored and presented a conference paper on AI-based legal support systems. The work was subsequently expanded into a comprehensive reference book (pending publication), highlighting the integration of artificial intelligence in legal processes.

#### Academic Achiever

Academic Achiever 2nd rank in end semester examinations during academic year 2022 - 2023 and 2023 - 2024.

### EDUCATION

#### Bachelor of Technology, Artificial Intelligence and Data Science

[Coimbatore Institute of Engineering and Technology](#)

CGPA - 8.60

Nov 2022 – Jul 2026



Coimbatore, Tamil Nadu

#### Higher Secondary

[Rose Mary Matric Higher Secondary School](#)

12th- 88.67 %

Jun 2010 – May 2022



Tirunelveli, Tamil Nadu