

SAMIKSHA DAS

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CAREER OBJECTIVE

Information Science Engineering student interested in **Artificial Intelligence and software development**, with foundational knowledge in **C programming and experience in academic projects**. Motivated to build real-world solutions and continuously enhance **technical and problem-solving skills through practical development**.

EDUCATION

2023-present

Jyothy Institute of Technology

- Bachelor of Engineering in Information Science

2021-2023

Sadhana pu college

- PUC-science
- First class

2011-2021

Carmel School

- High School ICSE
- First class

SKILLS

- Programming Languages: C, Python, JavaScript
- Web Development: HTML5, CSS3, JavaScript, Node.js
- Databases: MongoDB
- Data Visualization: Power BI, Tableau
- Tools & Technologies: Git, Visual Studio Code

INTERNSHIP EXPERIENCE

AI INTERNSHIP PROGRAM – CODEALPHA

1-MONTH INTERNSHIP | NOV 1ST 2025-NOV 30TH 2025

- Completed hands-on training in **AI and Machine Learning fundamentals**.
- Built mini-projects such as [Project Name – e.g., **FAQ Chatbot / object Detection**]
- Applied basic **data preprocessing and model implementation techniques**.
- Strengthened understanding of **AI workflows and practical implementation**.

PROJECTS

EVOQ-AI CHATBOT

- Developed a full-stack chatbot using **Node.js, Express, HTML, and CSS**
- **Integrated GPT-based language model API** to generate real-time responses
- Implemented **REST endpoints to process and return user queries**

REAL-TIME OBJECT DETECTION USING YOLOV8

- Developed a **detection and tracking system for images, videos, and live webcam streams**
- Integrated **Deep SORT** for multi-object tracking with unique IDs
- Built a **Streamlit-based interface** for real-time detection and visualization

Demand Forecasting using Machine Learning

- Built **ML models (XGBoost and Neural Networks)** to forecast demand trends
- Performed **data preprocessing, feature engineering, and cross-validation**
- Optimized performance using **GridSearchCV and RMSE evaluation**

CERTIFICATIONS

- Fundamentals in Python-infosys springboard
- Fundamentals of Deep Learning - NVIDIA
- Foundations of AI -HP