

NILAY GHOSH

Agartala, Tripura, India

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LinkedIn

GitHub

Portfolio

Education

Brainware University

B.Tech in Computer Science and Engineering (AIML)

2022 – 2025

Barasat, Kolkata, West Bengal

Gomati District Polytechnic

Diploma in Electrical Engineering

2019 – 2022

Fulkumari, Udaipur, Gomati, Tripura

Kamalghat H.S. School

10th Standard

2018 – 2019

Kamalghat, Fatikchhara, Tripura

Technical Skills

Languages: Python, HTML, CSS, JavaScript

Developer Tools: VS Code, Jupyter Notebook, Google Colab, Excel

Technologies/Frameworks: GitHub, Scikit-learn, Pandas, NumPy, TensorFlow

Experience

Unified Mentor Pvt. Ltd.

August 2024

Data Analyst Intern

- Managed, cleaned, and processed large datasets to support business decision-making.
- Developed data pipelines using **Python** and automated reporting in **Excel**, reducing manual work by 30%.
- Performed exploratory data analysis (EDA) to identify trends and actionable insights.
- Collaborated with cross-functional teams to ensure accuracy and consistency of data workflows.

Webguru Infosystems Pvt. Ltd.

Aug 2024 – Oct 2024

Intern – Node Fundamentals & GPT Model Integration

- Worked on **Node.js fundamentals** and implemented GPT model integration into existing workflows.
- Developed and tested APIs to interact with GPT models for intelligent response generation.
- Collaborated with the development team to troubleshoot and optimize performance.
- Enhanced understanding of back-end development and AI model deployment in real-world applications.

Projects

ExamAI Portal | HTML, CSS, JavaScript

Live Project

- Built a responsive web portal with smooth navigation, dark/light theme toggle, and interactive study plans.
- Implemented AI-powered study assistant demo and scroll-based animations for better UX.

Disease Prediction Using ML | Python, Scikit-learn

GitHub

- Developed ML models (Decision Tree, Random Forest, Naïve Bayes) for disease prediction.
- Performed data preprocessing and deployed a simple web interface for predictions.

Chatbot Application | JavaScript, Google Gemini AI

Live

- Created a web-based chatbot using Google Gemini API for intelligent responses.
- Designed a clean, responsive interface and enabled real-time conversation tracking.

Relevant Coursework

- Data Structures
- OOPs

- Machine Learning
- Operating Systems

- DBMS
- Software Engineering

Certifications

Google Analytics Certification

Google Skillshop

2024

Certificate Link

Data Science & Machine Learning

Geeks for Geeks

2024

Python (Basic)

HackerRank

2024

Certificate Link