

# AINADRI MANDAL

Kolkata, West Bengal

**Phone:** +91-8334006246    **Email:** mandalainadri@gmail.com    **LinkedIn:** linkedin.com/in/ainadrimandal  
**GitHub:** github.com/Ainadri-Mandal    **Portfolio:** ainadri-mandal.github.io/Portfolio

## EDUCATION

### Swami Vivekananda University

*BTech in Computer Science and Engineering - CGPA - 8.50*

**06 2022 – Present**

*Barrackpore, India*

### Kalyani Public School

*Higher Secondary - CBSE - Percentage - 91.2%*

**2019 – 2021**

*Barasat, India*

## COURSEWORK / SKILLS

- |                             |                             |                 |         |
|-----------------------------|-----------------------------|-----------------|---------|
| • HTML , CSS,<br>JavaScript | • AI/ML                     | • DBMS (SQL)    | • DSA   |
| • Python                    | • Power BI, Tableau,<br>EDA | • Data Analysis | • UI/UX |

## PROJECTS

### Website Analysis Project ( [LINK](#) ) | Python, NumPy, Matplotlib, Seaborn

**03 2025**

- A data science project focused on analyzing website performance metrics such as traffic sources, bounce rates, and user engagement.
- Used Python, Pandas, and visualization libraries to uncover insights and recommend strategies for improving site performance and user retention.
- [GitHub Repo Link](#)

### Zomato Data Science Project ( [LINK](#) ) | Python, NumPy, Matplotlib, Seaborn

**09 2024**

- Analyzed customer behavior, order trends, and budget preferences across online and offline platforms.
- Used Pandas, Seaborn, and Matplotlib to generate visual insights and uncover key patterns in the data.
- [GitHub Repo Link](#)

### Ainaa-E-commerce-Website ( [LINK](#) ) | HTML, CSS, JavaScript

**11 2024**

- Responsive E-commerce Website built with HTML, CSS, and JavaScript featuring a sticky navbar, hamburger menu, and animated hover effects.
- Multi-page Layout includes Shop, Blog, About, and Contact pages for seamless navigation across devices.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, JavaScript, SQL, Java

**Developer Tools:** VS Code, Anaconda Navigator, PyCharm, Spyder, MySQL, MongoDB

**Technologies/Frameworks:** Windows, GitHub, NumPy, Pandas, ScikitLearn, Matplotlib, Seaborn, ReactJS, Git, Mongo,

## PUBLICATIONS

### Machine Learning driven healthcare through online Gym under framework of Artificial Life

*Indexed by – Scopus Journals*    [\[LINK\]](#)

- Proposed System: An AI-powered online gym model inspired by Artificial Life and Machine Learning, enabling users to access personalized workout plans (e.g., Yoga, Aerobics) anytime, anywhere without physical gym visits.
- Motivation Application: Designed for busy individuals balancing multiple responsibilities, the system adapts to user behavior via text interaction, offering dynamic fitness routines in the healthcare domain.
- DOI no.: 10.53555/kuey.v30i3.3669    [\[LINK\]](#)

## CERTIFICATIONS

- Python Certificate [\[LINK\]](#)
- Google Cloud Computing Foundations: NPTEL [\[LINK\]](#)
- DSA with Python [\[LINK\]](#)