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-portfolio.vercel.app

EDUCATION

Swami Vivekananda University **06 2022 – Present**
BTech in Computer Science and Engineering - ***CGPA - 8.50*** *Barrackpore, India*

Kalyani Public School **2019 – 2021**
Higher Secondary - CBSE - ***Percentage - 91.2%*** *Barasat, India*

COURSEWORK / SKILLS

- HTML , CSS, JavaScript
- Python
- AI/ML
- Power BI, Tableau, EDA
- DBMS (SQL)
- Data Analysis
- DSA
- 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, Mongoose
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]