Hridaya Manandhar

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ABOUT ME

I am Hridaya Manandhar, currently pursuing a 4-year BIT(Hons) degree at Mid-valley International college, Kathmandu. Just like many other curious minds, I'm an ambitious student with a keen interest in technology specially in AI/ML, constantly learning and evolving to turn ideas into impactfull solutions aiming to make a change.

EDUCATION AND TRAINING

11/2024 – CURRENT Kathmandu, Nepal
BIT(HONS) Mid-valley International College

Website https://midvalley.edu.np/

2023 – 2024 Kathmandu, Nepal
+2 SCIENCE National Integrated College

LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s): **ENGLISH** | **HINDI**

SKILLS

Web Development | EDA | Object-Oriented Programming | Data Analysis

Programming Languages

Python | Java Beginer | C programming | reactjs | Html / CSS / JavaScript | Python Intermediate for ML | MySQL

Other Skills

Github | Linux | Microsoft Office | UIUX Designer

PROJECTS

Wastelink

WasteLink is an eco-friendly web platform designed to tackle Kathmandu's waste management issues. Inspired by models like Uber, it connects users with waste collectors, enabling scheduled pickups, waste type reporting, and real-time location tracking. Built using React, Tailwind CSS, Three.js, and Python, WasteLink blends modern tech with social impact to promote cleaner cities through smart, efficient waste handling.

Link https://github.com/Heartech-Hridaya/Wastelink_E2500021_E2500066_E2500023_E2500016

Mini-ATM-Sim__v-2.0

Mini-ATM-Sim__v-2.0 is a simulated ATM system built using Python for backend logic and ReactJS for the frontend interface. It replicates core ATM functionalities like user authentication, balance inquiry, cash withdrawal, deposit, and transaction history. Designed with a focus on simplicity and realism, this project demonstrates seamless integration between frontend and backend, making it a solid educational tool for understanding full-stack development and basic financial systems.

Link https://github.com/Heartech-Hridaya/Mini-ATM-Sim__v-2.0

Wine_Titanic_Quality-Survival_pridiction

Wine_Titanic_Quality-Survival_Prediction is a machine learning project that combines two classic datasets **Titanic survival** and **Wine quality** to build predictive models. Using Python with libraries like Pandas, Scikit-learn, and Matplotlib, the project analyzes patterns and trains classification algorithms to predict passenger survival on the Titanic and quality ratings of different wines. It serves as a hands-on exploration of data preprocessing, model training, evaluation, and visualization in real-world datasets.

Link https://winetitanicquality-survivalpridiction-7iev3e3989ulzqjygfmdkz.streamlit.app/

CURRENT

Mid-Valley International college (website)

The **Mid Valley College Website** is a dynamic, interactive platform built to showcase the college's academic programs, events, and partnerships. Developed using React (Vite), Tailwind CSS, and integrated with React Three Fiber for 3D elements, the site features custom sections like animated course selection chatbots, ripple effects, a team carousel, and a slot-machine-style partner showcase. Designed with a modern, responsive UI, it reflects the institution's innovative spirit and enhances student engagement.

Link https://github.com/sahilstha0007/MidValleyInt

Frame It (Hackathon-website)

FrameIt is a creative marketplace platform developed during a hackathon, designed specifically for artists to showcase, sell, or discover artwork. The website allows users to **post their art**, **explore others' work**, and **purchase unique pieces**, creating a supportive space for digital and traditional artists alike. Built with modern web technologies, **FrameIt** empowers artists by combining community, commerce, and creativity in one intuitive platform.

Link https://github.com/smith4545454545454556/hackathon