LASATA DANGOL

FRESHER

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I'm a passionate designer with a background in AI, combining creativity and technical skills to build user-centered, intelligent solutions. My experience in software development helps me approach problems with a thoughtful and practical perspective. I'm eager to contribute to impactful AI/ML projects and grow through real-world experience.

SKILLS

- Programming: Python, JavaScript, HTML, CSS
- AI/ML: NumPy, Pandas, Data Preprocessing & Visualization, Model Training & Evaluation
- Design: Figma, Maya Animation, Adobe After Effects, Adobe Lightroom
- Cloud & Tools: Google Collab, Jupiter Notebook, AWS S3, EC2, Lambda
- Version Control: Git, GitHub

EXPERIENCE

AMNIL Technologies Pvt. Ltd. May, 2023 - Jul, 2023

Node JavaScript Developer, *Intern*

- Wrote and developed new and well-tested code for different software projects
- Developed new, efficient and well-tested code for variety of different software projects.
- Conferred with project managers to gather information regarding limitations or capabilities.

PROJECTS

- **CNN-Based-Classification-of-Ultrasound-Images**

  Deep learning-based image classification system designed to detect Polycystic Ovary Syndrome (PCOS) using ultrasound images. It trains a model using a dataset of labeled images and applies a Convolutional Neural Network (CNN) to automatically detect signs of the condition. The goal is to support medical diagnosis through image-based classification.

  Project Link: https://github.com/Lasata03/CNN-Based-Classification-of-Ultrasound-Images.git

- **Object-Detection-for-Self-Driving-Cars**

  Developed a deep learning-based object detection system to identify vehicles, pedestrians, traffic signs, and lane markings in real-time from road images and video feeds. Aimed to enhance the perception capabilities of autonomous vehicles for safer and more efficient navigation.

  Project Link: https://github.com/Lasata03/Object-Detection-for-Self-Driving-Cars.git

- **Mental-Health**

  Developed a machine learning model to predict mental health conditions based on survey data. Applied data preprocessing, visualization, and classification algorithms to identify key factors influencing mental well-being. Improved model accuracy through feature selection and evaluation techniques.

  Project Link: https://github.com/Lasata03/Mental-Health.git

EDUCATION

Taylors University, Malaysia Jan, 2022 - Present

Bachelors in Computer Science (Hons)

Incessant Rain, Kathmandu

Diploma in 3D Animation Feb, 2024 - Feb, 2025