Aniket Dwivedi

Portfolio: aniket-dwivedi-portfolio.vercel.app/
Linkedin: in/aniket-dwivedi-py/
Github: github.com/Si-ddhartha
Medium: medium.com/@aniket1.00111

Email : aniket1.00111@gmail.com
Mobile : +91-752-3890-248

Education

- **Madan Mohan Malaviya University of Technology** — Gorakhpur, India
  Bachelor of Technology - Information Technology; GPA: 7.97 — *July 2020 - June 2024*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- **Little Flower House** — Varanasi, India
  Intermediate; Percentage: 86% — *2019*

Skills Summary

- **Languages:** Python, C, C++, HTML5, CSS3, JavaScript, SQL, Kotlin
- **Frameworks:** Django, Scrum, LAMP, Bootstrap
- **Tools:** Jupyter Notebook, MySQL, Git, Github, Android Studio
- **Libraries:** TensorFlow, scikit-learn, ReactJS, React Three Fiber, OpenCV, NumPy, Pandas
- **Data Science:** Machine Learning, Deep Learning, Neural Networks, Supervised/Unsupervised Learning, Computer Vision, Natural Language Processing, Web Scraping

Experience

- **Fyllo** — Remote
  Machine Learning Engineer Intern — *October 2023 - Current*
  - **Satellite Image Analysis:** Working on the analysis of satellite imagery to perform boundary detection and crop classification.
  - **Enhanced ML model:** Improved the recall value of the machine learning model for predicting leaf wetness from 0.87 to 0.93, aiding farmers in optimizing agricultural practices.

Projects

- **AniGAN**
  - **Developed a Generative Adversarial Network (GAN) using TensorFlow to proficiently generate high-quality anime faces.**
  - **Trained the model with approximately 4.5 million parameters on a dataset of 63k anime faces, achieving competent results in generating anime-style artwork.**
  - **Designed to aid artists with generating fresh artistic concepts and facilitate the creation of custom merchandise.**
  - **Tech: TensorFlow, Keras, Matplotlib**
- **Face Detection**
  - **Developed a face detection system using TensorFlow and various other deep-learning techniques from scratch.**
  - **Implemented two core tasks: classification to detect faces and localization to determine bounding box coordinates.**
  - **Designed for performing real-time face detection.**
  - **Achieved high classification accuracy and precise bounding box localization.**
  - **Tech: TensorFlow, Keras, Python, OpenCV, Albumentations**
- **OtakuStore**
  - **Developed an E-commerce website that offers users a seamless shopping experience**
  - **Implemented Email Authentication: Users are required to authenticate their email address during the registration process, adding an extra layer of security to the site.**
  - **Guest Shopping Capability: Enabled visitors to browse and shop as guests, improving the accessibility for first-time users.**
  - **The website displays a variety of products in an organized and visually appealing manner. Users can add items to their cart, remove items, and view the total cost of their purchase before proceeding to checkout.**
  - **Tech: Django, HTML, CSS, JS, PostgreSQL**

Courses and Certificates

- **Neural Networks and Deep Learning -** coursera.org/share/1f036a2c9a53dcb1fa08635960637ab1
- **Convolutional Neural Networks -** coursera.org/share/3cff082787baf5d2c4be29f5d218e1b0
- **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization -** coursera.org/share/aa84cb22bf5c6cdf3f84bb36d43029f8
- **Python Certificate -** www.hackerrank.com/certificates/d06063e32b9e

Others

- 300+ questions on LeetCode
- 5 star in Python, C++, C on HackerRank