AISWARYA V

aiswaryav7902@gmail.com 7592944578 Aiswaryav-123 linkedin.com/in/aiswarya-v-778a2632b

EDUCATION

Integrated M.Sc. Computer Science with Specialization in AI and ML **2020-2025**
Kannur University, Nehru Arts and Science College, Kanhangad 88.97%

SKILLS

Programming: Python, C, JavaScript, PHP, HTML, CSS, SQL, Java, Django
Technologies: Git, Django, Linux, Streamlit, TensorFlow, NLP, Machine Learning, React, Scikit-learn, Pandas, NumPy, Node.js
Languages: Malayalam,English,Hindi

PROJECTS

Result Analysis System **2023**

- Developed a **web-based application** using PHP and MySQL to analyze and visualize academic results effectively.
- Enabled **statistical insights** such as pass percentages, grade distributions, and subject-wise performance through interactive dashboards.

Loan Prediction Case Study **2024**

- Developed a machine learning-based system to automate loan eligibility predictions using Python and Scikit-learn.
- Trained and evaluated multiple models (Logistic Regression, Random Forest, Gradient Boosting) and identified credit history and applicant income as key influencing factors.

Skin Disease Detection **2024**

- Designed a deep learning-based system using **CNN, ResNet, and DenseNet** models to classify skin diseases with high accuracy.
- Preprocessed dataset **DermNet** by resizing images, normalizing pixel values, and adjusting contrast and brightness for improved model performance. Optimized it using a **genetic algorithm** to enhance detection accuracy and robustness.

AI-NEWS Website **2025**

- AI news website automatically tracks and summarizes news from official government sites. The system uses Django for web scraping, Together API - Mixtral-8x7B-Instruct-v0.1 for content extraction and summarization, and integrates with WordPress to publish news updates.

ACHIEVEMENTS

- **District-Level Winner, Young Innovators Program (YIP)** – Recognized for innovative problem-solving and technical skills in creating a web application which helps to identify Ayurvedic/Medicinal plants and know their usage. This application will be able to automatically identify an ayurvedic plant and provide its details.
- **ICFOSS Residential Camp (Machine Learning through Python)** – Participated in a 3-day camp organized by ICFOSS as part of the Gender & Technology program (Nov 2023).
- **UGC – NET : Qualified for admission to Ph.D. only**

CERTIFICATES

- University of Michigan - Programming for Everybody (Getting Started with Python)
- DeepLearning.AI TensorFlow Developer - Laurence Moroney