

Lokesh R

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 <https://im-lokesh-r.github.io/Lokesh-r-Portfolio/>

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Objective

I seek challenging opportunities where I can fully use my skills for the success of the organization.

Projects

- **Handwritten Digit Recognition - Using MNIST dataset with CNN (TF/keras)**
Built a Convolutional Neural Network (CNN) using TensorFlow/Keras to classify MNIST dataset digits, achieving 98% accuracy. Optimized model performance by tuning hyperparameters and reducing overfitting, improving prediction speed by 20%. Deployed the model locally using Jupyter Notebook for real-time digit recognition testing
- **Spam Email Classifier using NLP AND SCIKIT-LEARN**
Developed an NLP-based classifier using scikit-learn to detect spam emails, achieving 95% precision. Preprocessed text data with tokenization and TF-IDF, enhancing model accuracy for large datasets. Integrated the model into a prototype Flask application for user testing.
- **Tomato leaf disease detection using transfer learning**
Implemented a transfer learning model using TensorFlow to detect diseases in tomato leaves, achieving 92% accuracy. Utilized pre-trained models (e.g., VGG16) to classify images, reducing training time by 30%. Documented findings in a blog post, shared on Google Blogs, demonstrating practical ML application in agriculture.

Education

- **University of madras - Jaya college of arts and science** 2022-ongoing
Bsc computer science
CGPA (5th sem) - 7.14

Skills

- HARD SKILLS :
 - Python - Machine learning
 - Frame work : scikit-learn and TensorFlow
 - Ai model building
 - Jupyter
 - Responsive web development using html and css
- SOFT SKILLS :
 - Problem-solving
 - Critical thinking
 - Ai tools

Achievements & Awards

- Scientific computing with python certification by freecodecamp
- Responsive web design certification by freecodecamp

Publications

- **Blog**
" My Daily Coding Adventure " Is the name of my blog in google blog where I upload the challenges I face daily when I learn machine learning

Activities

- Pixelsquad teams: I have been doing mini projects as an freelancing for students . I have done a few mini projects.
- Coding club

Personal Details

- Nationality : Indian
- Gender : Male